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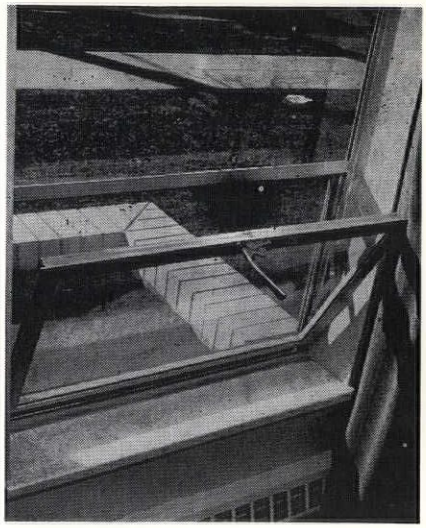

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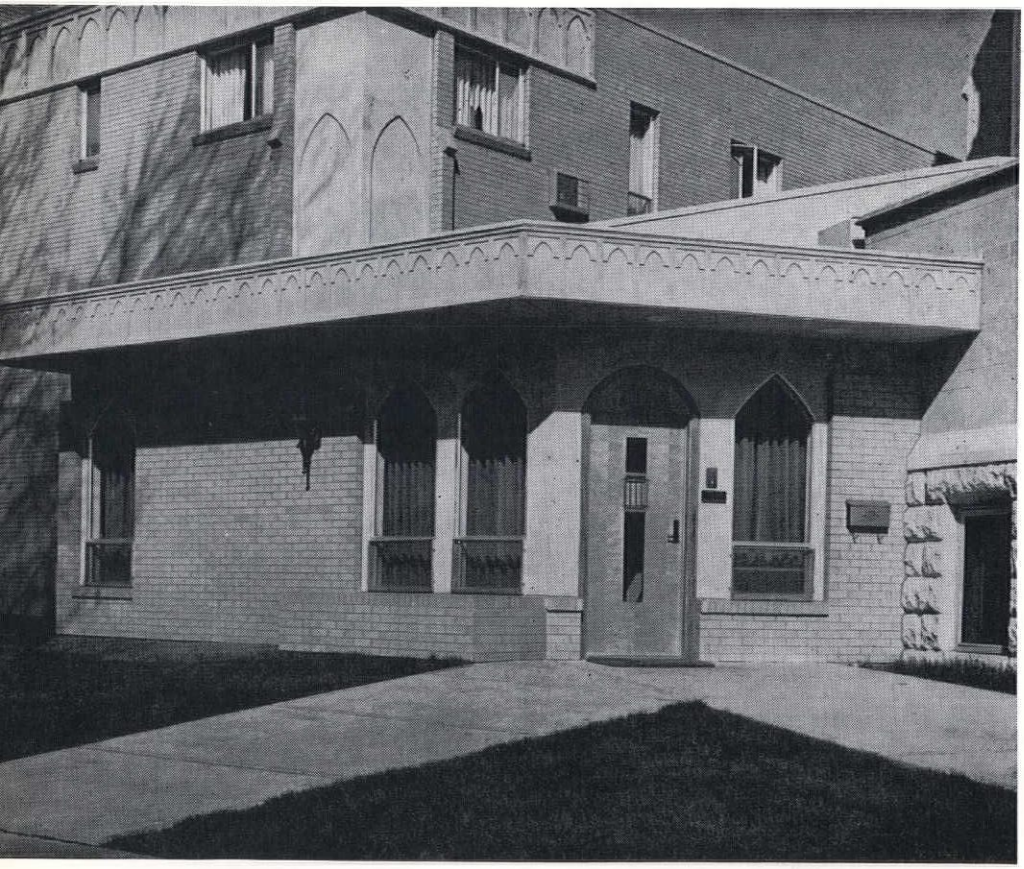

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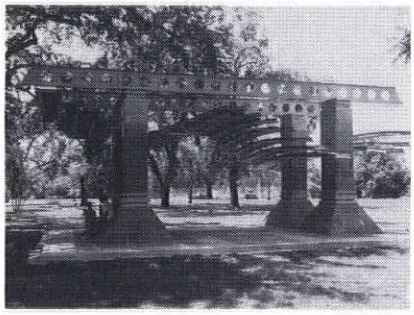
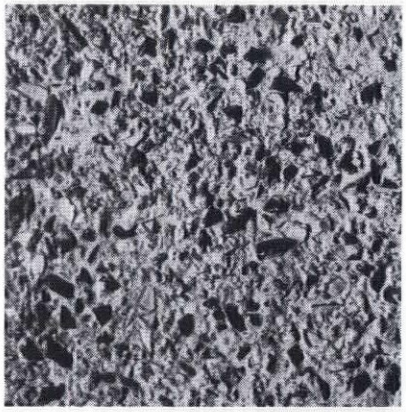


Visit the Thixite "ecology pavilion" in Denver's Washington Park. 4,000 square feet of Thixite material illustrates the versatility and durability of this exciting new ecological product.



You've read about Thixite building material in trade journals and in a Denver Post Empire Magazine feature.

Thixite is a ceramic building product, extremely hard and durable, available in a wide range of colors, textures, shapes and sizes.

Thixite construction material has excellent dimensional stability and requires no unusual installation techniques.

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THIXON CORPORATION

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symposia

construction communications in the West

VOLUME 8 NUMBER 10 MARCH, 1974

OFFICIAL PUBLICATION/REGION 10 CONFERENCE
CONSTRUCTION SPECIFICATIONS INSTITUTE

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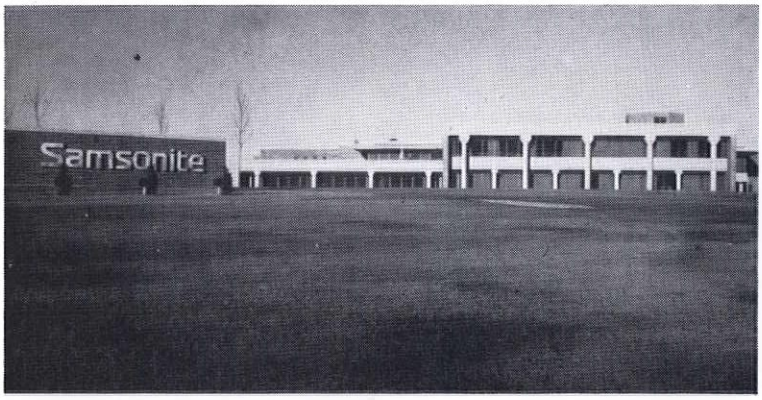

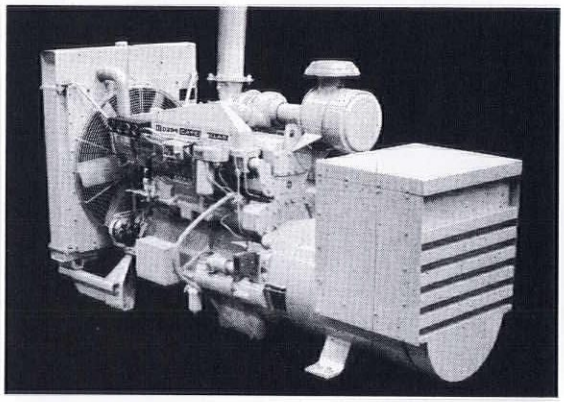

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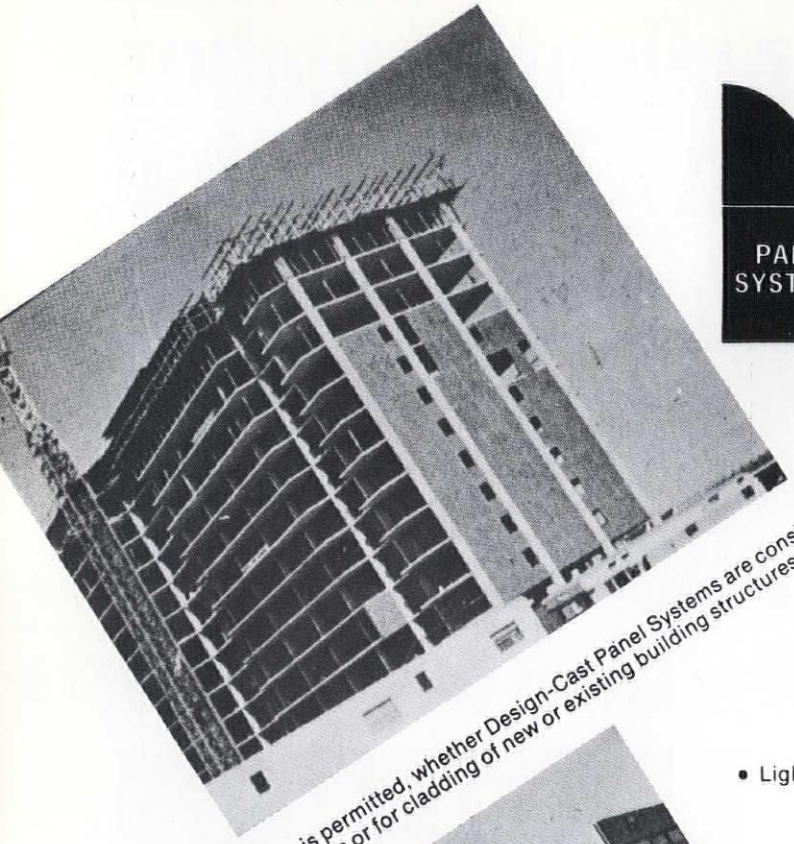
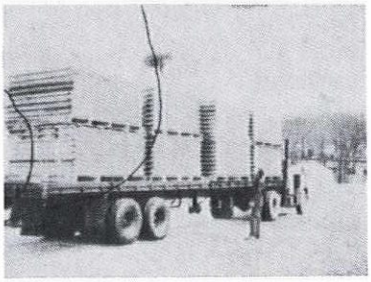
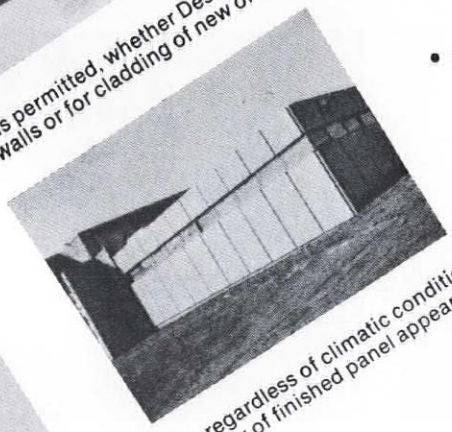
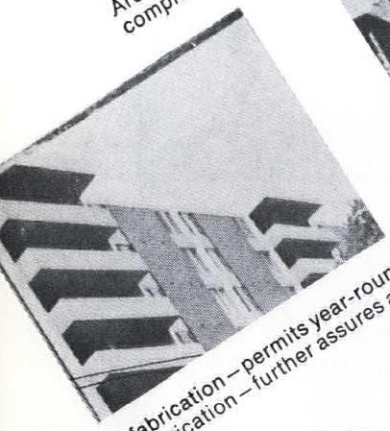


Architectural freedom is permitted, whether Design-Cast Panel Systems are considered for completely insulated walls or for cladding of new or existing building structures.



• Lightweight, thus resulting in positive structural savings.





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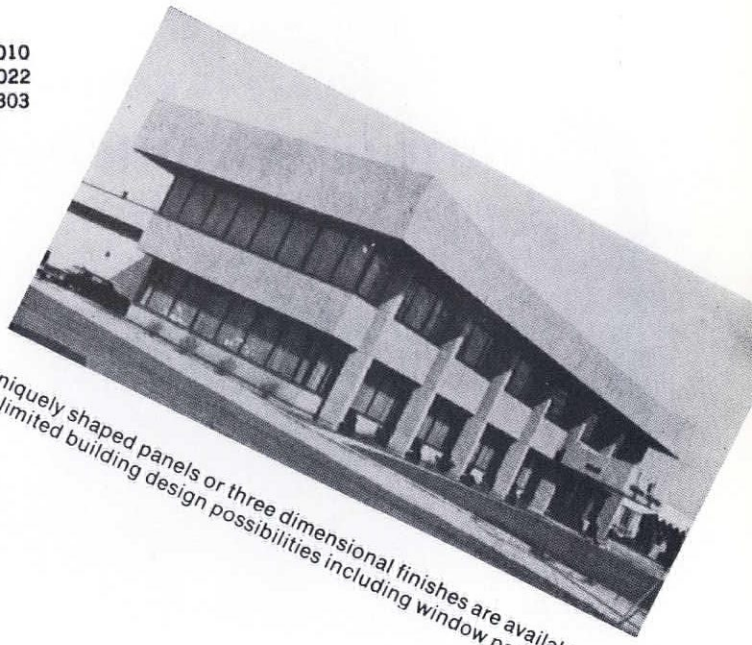

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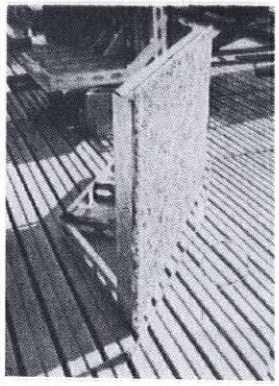
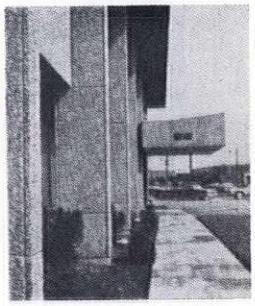
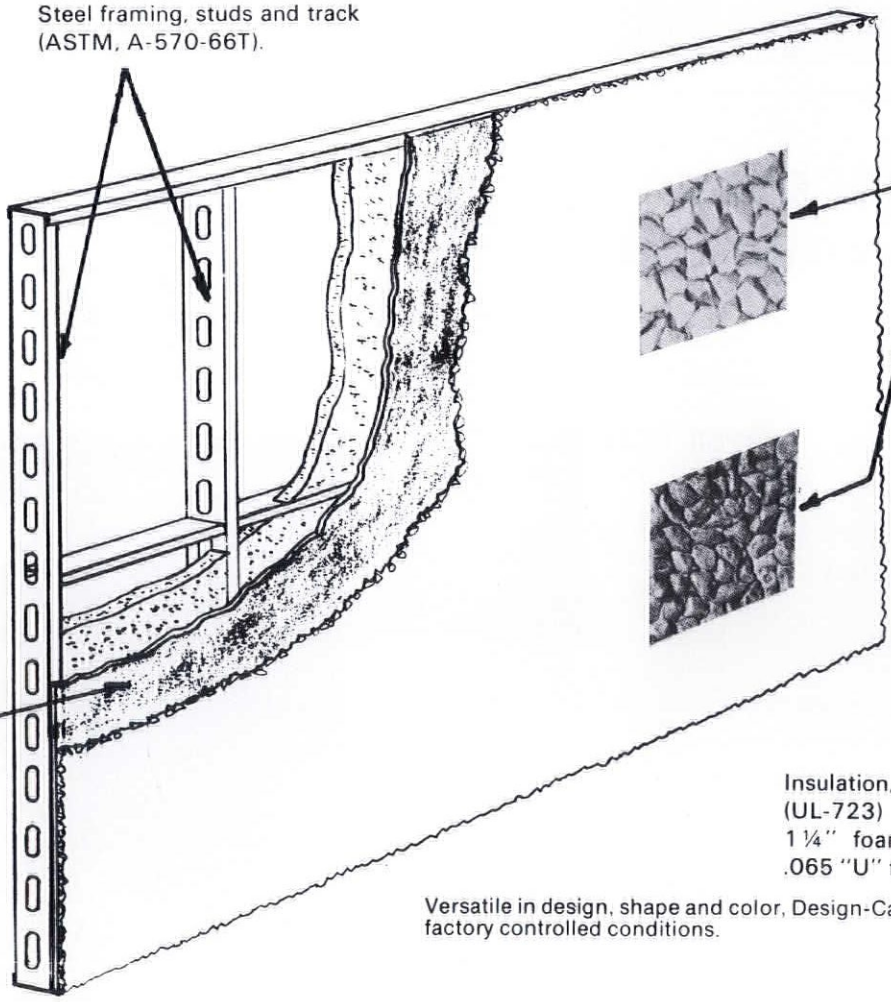
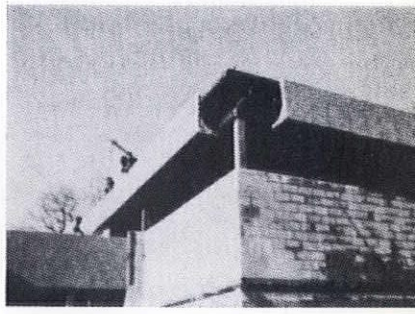


Exposed aggregate facing Desco Epoxy (ASTM E-84).

Steel framing, studs and track (ASTM, A-570-66T).







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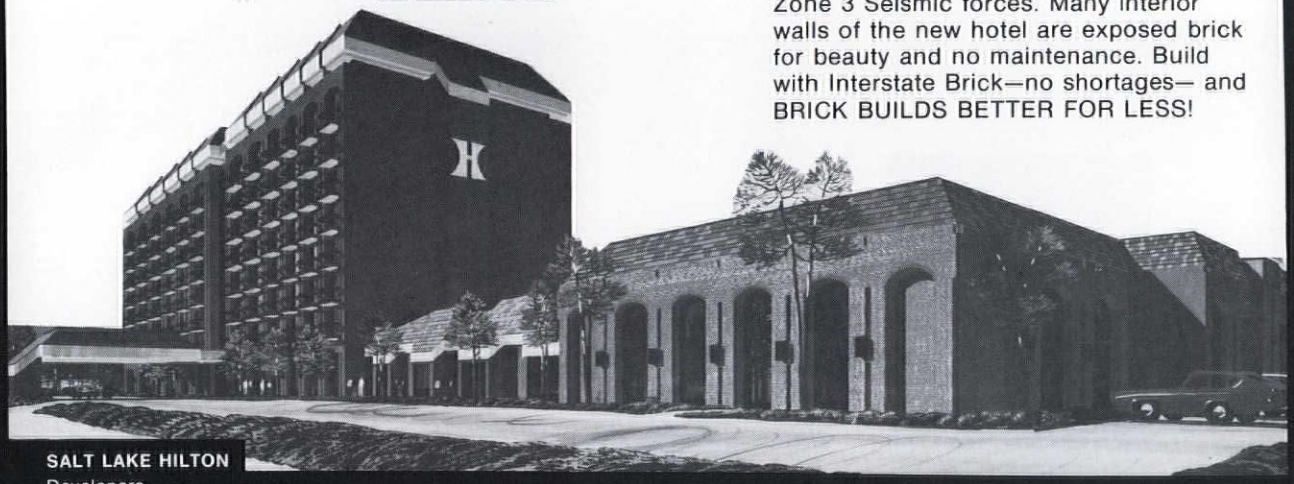

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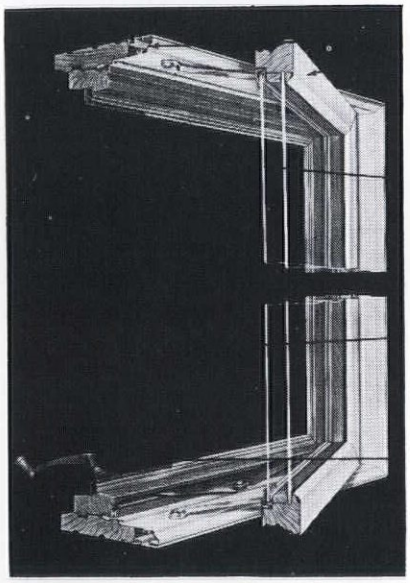

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Predictions/1974

(Being the "other half" of Paul Edlund's Report from Oregon.)
Over seventy members and guests attended the Willamette Valley Chapter/CSI meeting in January. Dick Christianson, President of Pacificbank Mortgage Company of Seattle presented his Sixth Annual Economic Forecast. In the past, Christianson's predictions have been amazingly accurate, and the large turnout testified to his previous success.

Here is a sample of his forecast for 1974:

INFLATION—Following on 8.8 percent rate of inflation in 1973, he predicts seven to eight percent this year if a steady-but-moderate growth in the money supply is maintained by the Federal Reserve System (the Fed).

ENERGY CRISIS—He said the U.S. has been increasing its dependency on import oil too rapidly and, even without the Arab embargo, we would have been in an energy crunch in the next two or three years anyway.

"I believe the Arabs did us a favor to force the crisis now, while we still have an opportunity to adapt and to plan for far greater energy self-sufficiency," he said. "The Arabs, like our antagonists in the past, have underestimated our production capability and response time, once we are committed and focused on a national goal."

"THE NATION'S conservation efforts have already cut back demand by some 10 percent, and although we still have a shortage it should be manageable, without rationing, if we continue to find ways of eliminating waste and re-learn frugality. For even if the Arabs would soon relent it wouldn't be in our self-interest to go back on an energy consumption binge. If we do, within a few short years the Arabs would have enough of our paper dollars to buy controlling interest in most of our major companies."

INTEREST RATES—Long-term rates should stay in the 8 to 8 ½ percent range. Mortgages should bottom out at 8 percent and corporate bonds perhaps trending slightly higher to 8 ½ percent. The prime rate, now down to 9 ½ percent from the all-time of 10 percent, will continue to slowly decline until it bottoms out also with long mortgage rates at about 8 percent.

HOUSING—"A peak annual rate of 2 ½ million housing starts last January to a 1.4 million rate in December lays the foundation for recovery later this year because both the need and effective demand for housing remains strong." Housing starts should work their way back up to about 1.7 million this year.

Christianson is specifically upset about the "erratic stop-and-go" actions of the Fed in adding to the country's money supply. The Seattle banker urges the Fed to act "in a more prudent manner" and slowly curb the money supply. He said a gradual reduction (emphasis on gradual) in the money supply over, say, a five-year period, would help to bring the rate of inflation back down to a more manageable level.

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THE MARCH MERRY

Thanks to Tom Keeton, FCSI, Editorial Board member for sharing with us (and you) the center-fold of the *CSI Memphis* newsletter. Atop a drafting table is a chubby chap in golf togs tagged "CSI's professional playboy of the year". On the front of the special fold out is this "Salute to Donald Manley, FCSI"

"Donald W. Manley has been an active member of CSI for several years.

His hobbies are golf (he shoots in the low seventies for nine holes) and bowling (a good game for him is breaking 100).

He graduated from Rice Institute in Houston, Texas where he majored in Mouth.

He has a reputation around the country for buying the worst cigars known to man.

He is currently writing his autobiography which will appropriately be titled, "Memoirs Of A Professional Ass".

He, on many occasions, has been referred to as "the poor man's Don Rickles".

In the covering letter to Tom from Howard Hayslip, Editor of *CSI Memphis,* Howard writes—"The article—and it should be readily recognizable to you—has been done with the thought in mind that everyone, including members of CSI, need to stop once in a while and have a laugh."

Hallelujah!

---

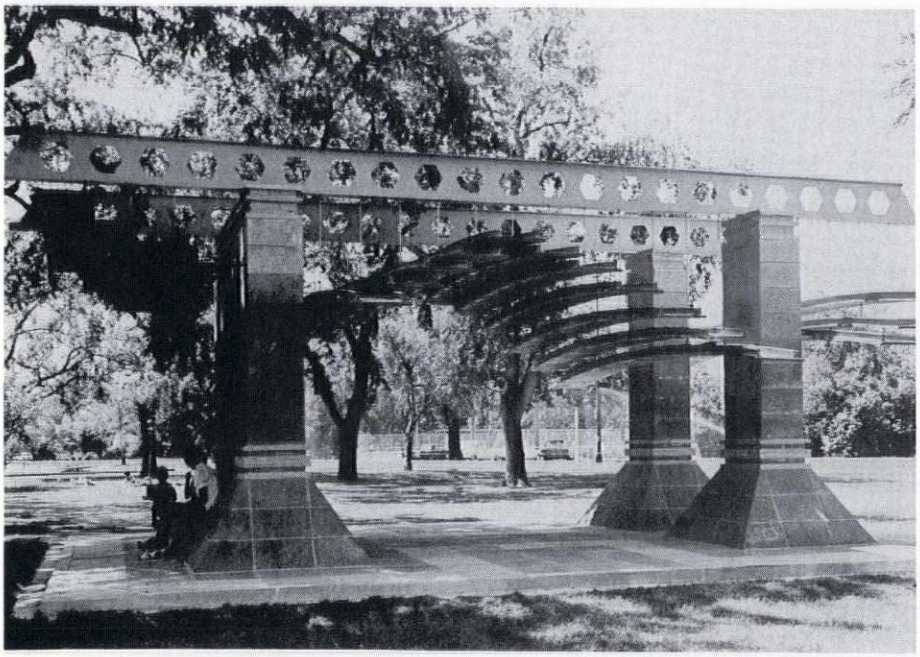
building blocks

THIXITE **new way to say ecology**

20th Century America has been termed the "throw-away society"—but Colorado's Thixon Corporation has reversed the trend with the new, versatile building material THIXITE T.M. Conceived by T. Clifford Shutt and developed at the Colorado School of Mines Research Institute, this hard and durable material contains 94% recycled solid wastes—the essential component being glass.

Uses for THIXITE T.M. construction material are limited only by the imagination. It is equally effective as a flooring material, for wall panels, window sills, parking lot stops, splash blocks, patio stones and even fences. It's low water absorption and high strength make it ideal for use in severe weather conditions. Equally important is its excellent dimensional stability and the fact that it requires no special or unusual installation techniques.

Of particular interest to designers is THIXITE's versatility. This ceramic building product can be made in a wide range of colors—background colors including blue, green, red and white, for instance, and many textures. The fired material can be subjected to a number of finishes including sandblasting, grinding, polishing or glazing to produce the desired texture. The casting process used offers considerable latitude in shapes and sizes.



If you are in the Metro Denver area, you can see THIXITE T.M. in use in the "pavilion that ecology built"—located in Denver's Washington Park it was designed by the architectural firm of Maxwell Saul and Associates and uses 4,000 square feet of this exciting new recycled material. An ample display of color, texture and physical properties is provided in this structure. For further technical information—call or write the Thixon Corporation, 1367 Harlan Street, Lakewood, Colorado 80214. The telephone number is (303) 237-8050. Robert A. Stringer, Jr. is Vice President, and will be very happy to help you. "Waste Not —Want Not" was the rule before we began to throw it away. THIXITE T.M. can solve a lot of problems . . . handsome and durable construction solutions are now . . . ecological!

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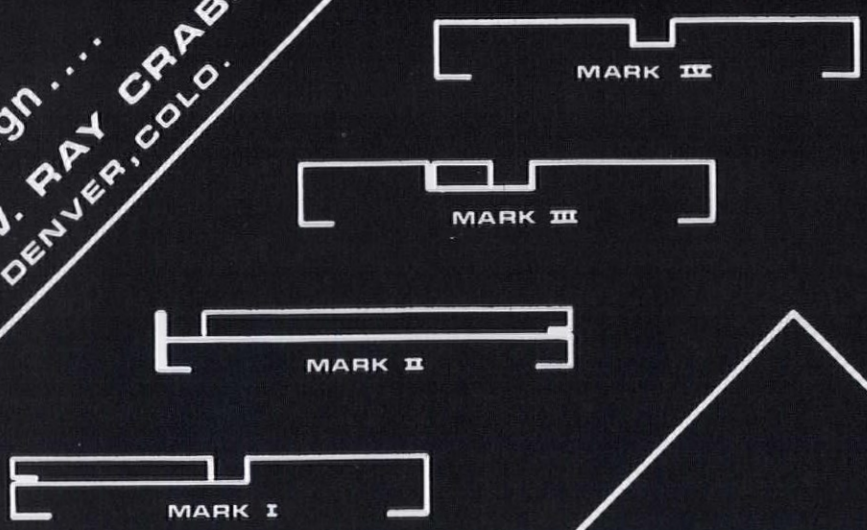


January's agenda for Colorado's construction industry included two important Annual meetings — the Colorado Contractors Association held their 41st on January 18/19 — the AGC/Building Chapter on the following weekend, January 25/26. Both organizations emphasized problems engendered by the energy shortage and by legislation . . . this included analysis of the questions and some pragmatic solutions.

C.C.A.

Speaking prior to the Annual Convention, CCA President Robert K. Dougan said — "There is a new sense of urgency among the energy policy makers, the transportation authorities, legislators and the construction industry. We are being drawn closer together by necessity. We must explore the relationship among ourselves to see how best we can cooperate to achieve what have become common objectives."

Underscoring President Dougan's statement was William A. Bugge, retired project director and current consultant for BART, San Francisco. Bugge stated in his presentation to the Intra-Industry luncheon on Friday, 18 January, that there is a place for both rapid transit systems and the automobile. "There is still going to be a need for highway construction, particularly in rural areas. There's no question that secondary and tertiary roadways are in tremendous need of improvement." This was a ray of sunshine to CCA since its members constitute the heavy-highway-utility branch of the Associated General Contractors. Mr. Bugge pointed out that BART's average per-day patronage is about as estimated. . . . "Estimates for for 1975 are that 200,000 patrons a day will be using BART — 30% of whom will be persons who formerly drove to work." They now have a choice between a fine freeway system and the most advanced of transit systems, and he went on, "We can no longer afford to think only in terms of individually planned public works — like so many pieces of machinery. We must think in terms of the total urban environment and the way it is growing."

In conclusion the former BART director praised contractors for their resourcefulness. . . . "I am still amazed at the process by which the men in this audience — moving dirt, driving piles, forming concrete, erecting steel and other very earthy tasks — can transform a grubby project into a finished product. It starts. It goes on for months and years . . . practically overnight, it suddenly looks like something grand. And it works!"

A Panel of Colorado legislators addressed the contractors in the afternoon on the problems of land use, highway finance structure, contractor bonding and licensing requirements. One of the highlights of the 1974 meeting was the address by national AGC President Nello L. Teer, Jr. at the membership breakfast on Saturday morning. The two-day sessions were concluded with the Annual Banquet on Saturday evening — James D. "Mike" McKevitt (who tells it like it is, man, which is perhaps why he is no longer Congressman for the First District) was the principal speaker reporting on current happenings in Washington as they relate to energy and construction in the nation and in Colorado.

Officers elected at the Annual meeting are C. F. (Fritz) Krueger, Vice President of the A. S. Horner Construction Company of Denver. A graduate of the Colorado School of Mines, Mr. Krueger has served on the CCA Board since 1971 and has worked on the education, manpower and labor committees. He is a member of the Colorado Society of Engineers and the American Institute of Mining and Metallurgical Engineers. His many community activities include Rotary and the Boy Scouts of America.

Serving with Mr. Krueger will be First Vice President, Sam E. Thomasson (Thomasson Concrete Company, Denver); Second Vice President Glen R. Ramsour (Ramsour Brothers, Inc., Castle Rock) and Secretary-Treasurer A. L. Walters (Western Paving Construction Company, Denver). The 1974 Board includes Harold L. Cherry, James B. Kenney, William G. Lauer, George E. Leone, Robert H. Lowdermilk, Ted H. McMurran, Leo M. Peterson, Jr., Cal Rickel and Immediate Past President Robert K. Dougan.

Left to right: Sam Thomasson, C. F. Krueger (standing), Glen Ramsour and A. L. Walters.

AGC/C

It was the 39th time around for Colorado's Building Chapter on the 25/26 January at the Brown Palace. It all began with an outstanding panel discussion of the Energy problem at 9:30 in the morning. Many of the questions regarding allocations, definitions and procedures were answered. All panelists urged contractors to plan ahead for their fuel needs, make arrangements wherever possible with suppliers and avoid a "crisis-hardship" situation.

Those on hand with the "know how" were AGC President Nello L. Teer, Jr.; Lane Kirkpatrick, Colorado Air Pollution Control Commission; Joseph B. Smith, Federal Allocation Office; Phillip J. La Lena,

Federal Energy Office/Region 8; James Lehr, Air Pollution Control/EPA and Harry Borchelt, Regional Office/OSHA.

In Teer's introductory remarks, the AGC President stressed that the Energy crisis is not the calamity feared and in his contacts with Czar Simon, believes government is dedicated to keeping the Industry moving. Mr. Kirkpatrick stated, we must work together minimizing inconvenience and economic problems and La Lena opined that at this time we are sailing a ship while it is still under construction. Both gentlemen from FEO urged contractors to plan fuel needs as far ahead as possible, working through their normal supply channels and to remember in many cases — fuel goes with the bid. Contractors contemplating the use of coal fired salamanders should check OSHA (COSH) standards — although presently taboo, it is possible to obtain a variance.

During the discussion period, an interesting statistic surfaced from the Department of Labor. In their most recent unemployment report from six states (Western), only 2% of the total was energy related.

Nello Teer was the principal speaker at the Friday Luncheon. Our Number One Problem, he said, for the past ten years, has been inflation and "Ill-conceived stopgap measures" have had no effect. "The basic cause of the wage/price spiral is the inequity of pro-labor legislation . . . organized labor is big business and it's long past the time when it should be subjected to the same restraints as those protecting people from the excesses of monopolistic management. When true equality exists at the bargaining table and our Congress looks to the nation's interest rather than only to Labor and their own re-election, then we will have a chance for the free enterprise system to work."

Challenged President Teer, "Last March, I requested each of you to become activist and help in the development of 'contractor power.' Our industry and business in general is little understood or appreciated by the general public, young people, educators and the news media. 'Business,' 'work' and 'profit' are now dirty words. The future, not only of the Construction Industry, but the entire free enterprise system is at stake. Work for and support candidates who believe in this system and, if your current office-holders don't support your basic philosophy, work like hell to get them defeated. Get involved in the educational program — find out what is being taught in your tax-supported schools and colleges. You'd probably be shocked and surprised. Make sure you're not financing your own economic downfall."

"We have seen," concluded Mr. Teer, "the negative results of the overzealous environmentalists, the uninformed news 'experts' and do-nothing politicians. It's time for us to combine our efforts into 'contractor power' and get out and slug with the opposition!"

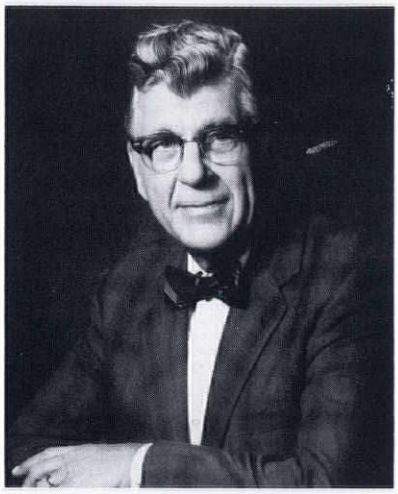
Three excellent seminars were presented in the afternoon. The Hon. Betty Ann Dittemore (Colorado House of Representatives); the Hon. Joseph B. Schiefflin, Senate Majority Leader, and Olie Webb, Director/Environmental Affairs for the Colorado Association of Commerce and Industry, discussed "Land Use in Colorado" — a most important legislative topic.

Suppliers and sub-contractors formed a panel at 3:00 p.m. to probe "Material Shortages" with Robert G. Tointon, Member of the AGC Material Shortages Committee. They were Fred Burns (Construction Specialties); Ronald Crabb (Crabb Plumbing and Heating); John Kanas (Hausman Corporation) and Roy Kennedy (Kennedy Electric Company).

Concluding this most informative day-long meeting was the session at 4:00 p. m. tagged "Making Money Move" which brought together major industry spokesmen. Chairman for the presentation was Sid Grazi, AGC/C - AIA - CCA - CECC. Representing the Associate membership was AGC/C was Fred Burns; R. J. DeLa Castro was the CCA Representative. Bill R. Clark spoke for the Finance Industry; William H. Hawes for the Consulting Engineers Council/Colorado; Patrick Weishapl for the American Institute of Architects and Henry Baume, FCSI/AIA was the CIRC Representative.

On Saturday morning, the Business session was followed by the Safety Awards Luncheon and the Annual Winter Dinner and Dance was held in the evening at Pinehurst Country Club. This was a particularly delightful evening with an excellent dinner (no over-tired roast beef or green beans for the AGC/C) with an amusing and versatile comedian, Owen Hester, and a brand new quintet—a young and talented organization—"Colorado Gold." Dancing climaxed a gala affair.

We cannot conclude without mention of the fine organizational work done by AGC/C Executive Don Decker, by Tom Gilmore and Al Klashak, President Jim Brown and the entire crew. Every aspect of the Annual meeting — business and social — was beautifully handled.



Victor Y. Coulter, President Building Chapter/Colorado Associated General Contractors

In late January, members of AGC/C met in Denver for their Annual and elected Vic Coulter as their new president for 1974. He succeeds James S. Brown of Brown-Schrepferman and Company.

Vic is Vice President of the general contracting firm of Gerald H. Phipps, Inc. and has been most active in the affairs of the Association over the past ten years . . . serving on many committees and Boards of Trustees within the organization. He was Vice President in 1973.

Mr. C. is a graduate of the University of Nebraska and joined Colorado's Platt Rogers Construction Company in 1946—this company became Gerald H. Phipps, Inc. six years later. Like most of the Industry's "fearless leaders," Vic is also active in community affairs. He is the immediate past president of the Mile High Kiwanis Club, and has devoted a great deal of time to his church, to the Boy Scouts of America and the Highlander Boys. He is a member of Sigma Nu fraternity and a Cornhusker Booster, i.e.: Nebraska Alumni Association. His charming wife is named Henrietta and the Coulters are the parents of two sons.

Portfolio 2

1974 Exhibition of School Architecture American Association of School Administrators

SHIRLEY COOPER AWARD

Lewis-Palmer Elementary School—Monument, Colorado
Superintendent, Lewis Palmer School District, Ray Kilmer
Architects: Muir and Young, Colorado Springs, Colorado
Robert G. Muir/Partner-in-Charge—Louis Novak/Chief Designer

It is with a great deal of pleasure that we feature on our March cover and in this Second Portfolio — one of the major winners in this year's Architectural Exhibit jointly sponsored by the American Association of School Administrators and the American Institute of Architects. The Shirley Cooper Award was presented on February 25th to Robert G. Muir, architect, Muir and Young, Colorado Springs, and Superintendent Ray Kilmer of the Lewis-Palmer School District. In commenting on this award-winning school, the jury of educational and architectural experts commended its . . .

SPECIAL DESIGN CITATION

Denver Country Day School/Kent School Library Addition—
Cherry Hills Village, Colorado

Michael Churchman, Headmaster, Kent School
Andrews D. Black, Headmaster, Denver Country Day School
Architects: Rogers/Nagel/Langhart (RNL, Inc.) Denver, Colorado
Interior Design Consultant: Alexander Girard, Santa Fe

"warm affectionate environment for learning that exhibits true concern and understanding of the spirit of young people. Located in a new town where sailing, horseback riding and other outdoor activities are a way of life, the school appropriately takes on a rural lodge character, well adapted to its neighborhood setting."

Bob Muir has kindly sent us a general summary on the project.

"The Lewis-Palmer school is designed as a middle school and is presently occupied by Grades K through 8. It also has the ability to serve as a junior high school, dependent upon the district's needs. The building contains 47,000 square feet and the general contract for construction was $850,000. With other fees and furnishings, the school averages about $20 per sq. ft. complete.

"The building is all masonry, and the interior design keys around glu-laminated beams and glu-laminated trusses. Tectum is the prime ceiling material. The building has all the normal electrical and communications requirements and is served by a central boiler room. Interior coordination was done with Intermountain School Supply of Denver. The mechanical and electrical work was done by Rice-Marek-Harral and Holtz and the structural by Ed Samberson and Associates of Colorado Springs.

"The building is divided into two sections centered around an instructional material center. The plant is partially open and partially conventional in concept, working almost perfectly in a semi-open space conventional classroom concept. These ideas were developed over a number of years and seem to be almost the ideal adaptation of the open-space balance versus the conventional classroom balance in a middle school. Maximum enrollment is 600 students."

Again we salute Muir and Young and the Lewis-Palmer School District for bringing this honor to Colorado and Symposia-land. Kudos!

In presenting the special design citation to this Library Addition, the Jury commented — *"A straightforward cube is the container for a sophisticated library addition to a large school building. Interior is simple, elegant and inventive, and respects the students. Shelving skillfully integrated with the architecture."*

The client requested the library, which also serves as a study area, be as attractive and alluring a place as possible. Space was

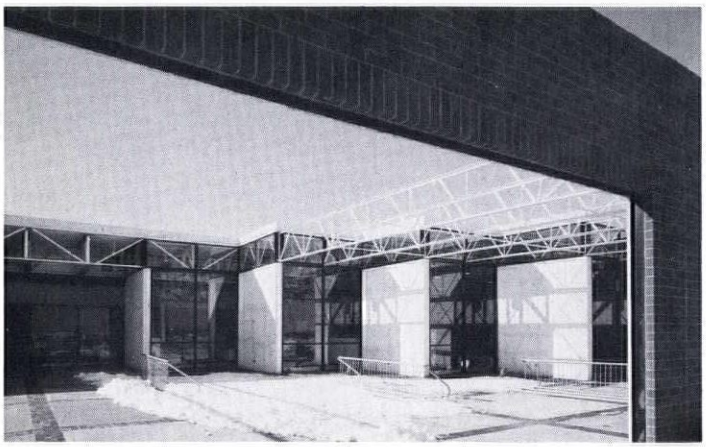
requested for a number of private study areas, several sizes of seminar rooms, some table space and a great deal of seating space near the books.

To meet these criteria, book shelves were placed behind low partitions which also serve as backrests for floor seating and as a surface for bright wall hangings and wall niches. The student is not confronted by tiers of books, but is welcomed into a light brightly colored area with fireplace pit and a view to the balcony and lake beyond. Private study carrels are distributed across the mezzanine level and audio-visual carrels are on the main level next to technical processing and the audio-visual storeroom.

The exterior of the building was designed to blend with the existing structure and to visually tie the adjacent science building into the campus. Concrete frame, matching brick and shake shingles were used on the outside. Inside, brick walls are exposed with painted gypsum used elsewhere. The floor throughout is carpeted.

The Library Addition and Library serve approximately 460 students at the two schools (7-12). Pinkard Construction Company was the General Contractor and the square foot cost was $21.00. Photography is by Kent Bolerjack.

SPECIAL DESIGN CITATION

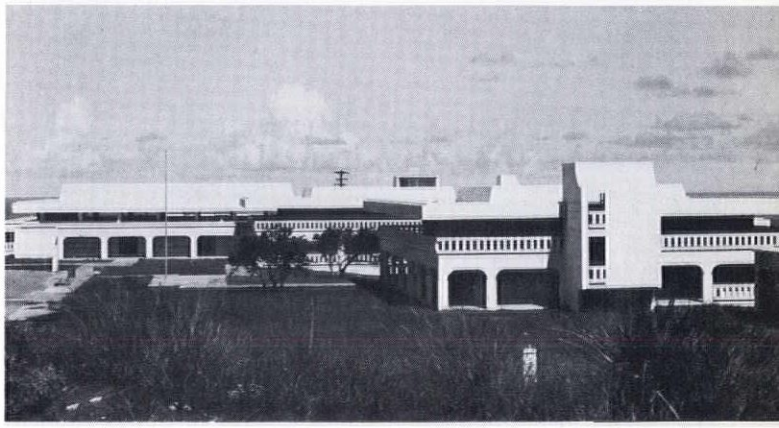


Mission Viejo Elementary School—Aurora, Colorado
Superintendent: Richard Koeppe
Architects: Caudill, Rowlett, Scott—Houston, Texas
William C. Handleman/Supervising Architect

The goal at this elementary school was to create an educational facility to stimulate young imaginations while accommodating the most recent instructional methods and resources. Interior spaces are zoned into three distinct, yet closely interrelated activity areas . . . a multipurpose room and media center; support facilities and a flexible instructional loft. Defined by ceiling height variations, each zone makes its own unique support contribution to a particular educational function and experience. Such child-pleasing amenities as a tunnel shaped corridor, a "wet area" for messy arts and crafts and a "crow's nest" reading area offer opportunities for discovery. Open multileveled spaces accommodate a multiple resource learning approach encouraging team teaching and free student circulation. Earth berms reduce the school's usual height and the warm brick exterior cladding further integrates the school with its residential neighbors.

Mission Viejo Elementary school was built at a cost of $30 per sq. ft. using the building systems/fast track approach and a construction management team.

SPECIAL DESIGN CITATION



Inarajan Junior High School—Inarajan, Guam—Mariana, Islands
Katherine B. Aguon, Director of Education
Architects: Haver, Nunn and Nelson, AIA, Agana, Guam
Jack B. Jones, Resident Architect

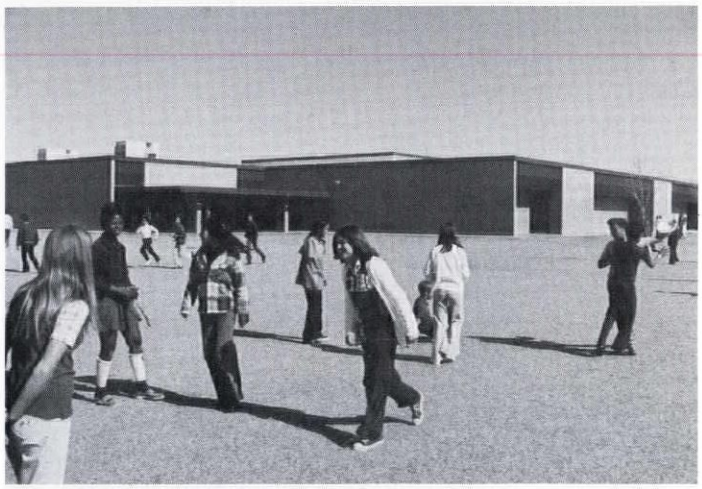
In addition to meeting the needs of ever-changing trends in education and for use as a community center, the "normal" climate in this area presented the architects with an unusual challenge. "Normal" here means temperatures of 85°-95°, humidity of 90-100%, yearly rainfall of 100" is frequently whipped to "horizontal" by the wind and typhoons generate winds upwards to 200 knots per hour. These conditions dictated a combination of reinforced concrete frame and roof/floor slabs with concrete masonry bearing walls wherever possible. The school serves as a typhoon shelter for the village of Inarajan and the surrounding area.

The relatively narrow site drops abruptly on either side overlooking the picturesque village, the ocean and the surrounding savannah lands. The classroom, learning center and administration area form the academic core with shared community functions (gym/cafeteria) creating buffers on each extreme end. Classroom-Teaching areas readily adapt to team teaching through the use of portable partitions and maximum acoustical absorption is achieved through acoustical ceilings and carpeting throughout. Architecturally, the facility reflects American, Filipino and Colonial Spanish influences and accommodates 750 (7-9) students. The square foot cost was $24.67.

Santa Clara Elementary School—Tucson, Arizona
Superintendent, Sunnyside School District, Patrick B. Henderson
Architects: Blanton and Company, Tucson.

Educational criteria called for maximum flexibility to permit the rearrangement of spaces to fit a multiplicity of learning conditions. This was answered through an open and unobstructed relationship between instructional areas, the central learning resource center, teachers and students and teacher planning areas. The comfortable interrelationships of the open plan, in combination with low portable dividing chalk-and-tack boards and large rolling storage/tack/chalkboard units provide for this arrangement.

The commitment to provide for individual student needs extends to the community and spaces are available for adult community activities. The learning resource center and kindergarten areas are available for summer and community use by separate entrances and operable sliding glass walls. Music and Science areas, kitchen and administrative areas are also available separated by sound attenuating folding walls and rolling redwood paneled walls. The careful development of an open school concept appropriately satisfies changing parameters and community functions.



Engineering consultants for Santa Clara were Structural: Randon P. Holben; Electrical: Maurice L. Birkett; Mechanical: Don Shipley and Associates and the General Contractor was Mutterer Construction Company. This 750 pupil (K-6) facility was built at a cost per square foot of $21.96.

Charles H. Lindbergh High School—Renton, Washington
Superintendent: Shelby Bewley
Architects: Fred Bassetti and Company—Seattle, Washington

Accommodating 1,800 students (9-12), Charles Lindbergh High School is located on a 40-acre wooded site cut diagonally by a low marshy area which enabled the architects to span the building from hillside to hillside. Use of this plan separated auto and bus traffic from pedestrians and made possible location of the athletic fields conveniently adjacent to the Physical Education Building yet simultaneously distant from academic areas.

Through use of the "house" concept students are given a "sense of belonging" and answered a major requirement — "We want a noninstitutional feeling for our students." The Library is the center or "guts" of the facility, and there are both large and small areas for varied sizes of group gatherings. To provide a positive atmosphere for individual as well as group study, thought and social interaction, the arrangement of spaces allow conventional teaching methods as well as availability for future changes.

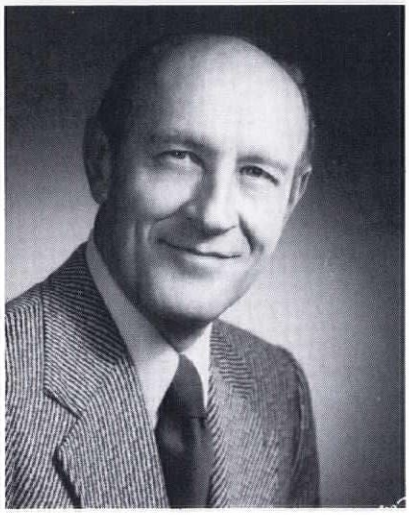
The load-bearing hollow brick construction is exposed both sides, the wood frame roof is appropriate to the site and academic areas are carpeted. Facilities are also easily accessible for after hours educational and social activities. The square foot cost was $25.08.

More A.A.S.A. Schools—Page 21

csi region 10 conference 74

using csi today tucson, arizona march 21-23

Regional Director Noone



His Message

I'm ready. The C.S.I. is ready. Tucson is ready.

Anyone else?

Tucson is welcoming us for the March 22/23 Conference of the Region 10-CSI. Those of us from Utah and Colorado are welcoming thoughts of Tucson as a fitting end to the winter cold . . . those from New Mexico and El Paso will get a chance to compare Tucson's quality of solar energy to their local brand.

All of us however can combine the pleasant atmosphere of the Tucson Braniff Place with an informative conference among friends. Included in this section of Symposia is the Conference Program, describing the sequence of planned events. You will note the mixture of technical sessions, exhibit viewing, cocktail relaxation and free evenings contrived. It's part of our Operating Procedure—you must have a good time!

There are so many CSI sponsored activities and programs available to the construction industry, we may have been lax in conveying this idea to the Chapters. Hence, our conference theme "Using CSI Today" was chosen to illustrate the success that is possible by using these programs effectively. Programs will be conducted by members from every Region 10 Chapter . . . Albuquerque, Tucson, Phoenix, Salt Lake, Pikes Peak, El Paso and Denver.

All have achieved a degree of success in activities USING . . . CSI Documents/Educational Activities/Technical Activities/Industry Participation/Schools and Seminars/Publicity and Liaison/Civic Participation . . . and each Chapter can benefit from one another's successes in the same and other areas.

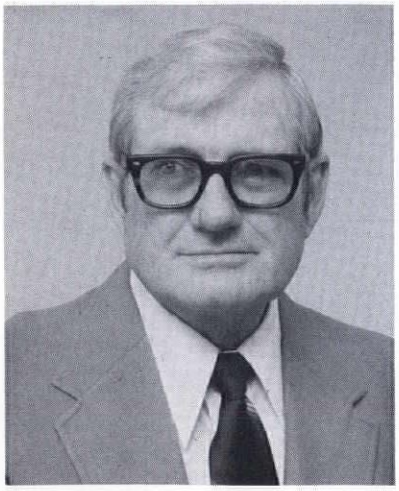
With this help from other Chapters comes an Institute-sponsored session emphasizing—"Using Effective Techniques". This will aid all of us in our future attempts to pass on to Chapter memberships the new knowledge gained at the Conference. And—don't miss the Exhibits at the Conference. The Phoenix Chapter of Producers' Council has initiated an enthusiastic support and participation for this event.

And—you're expected at the cocktail mixers and the banquet. All part of our CSI mixture. The Ladies may already have noticed the Friday schedule of dining and SHOPPING in Mexico. Members are hereby alerted to hide their credit cards.

To those of you already signed up—I say, "Welcome!" and I do urge you "Participate!" To those of you wondering about attending the Conference, I advise you—"Try It".

I'm ready. The CSI is ready. Tucson is ready!

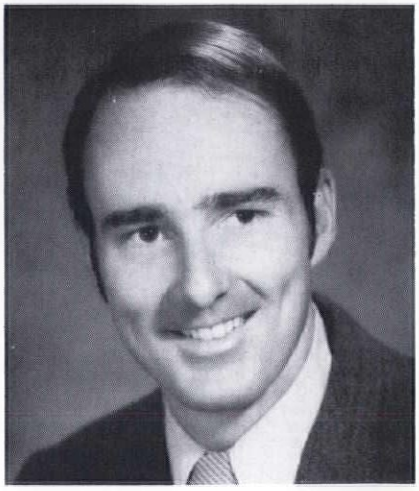
Anyone else?



Conference Chairman
Charlie Sewell

tucson chapter - conference committee

Charles T. Sewell - Chairman and Hospitality
William N. Ross and Philip W. Dinsmore - Publicity
Barney Aros - Transportation
Carl LaMar John - Treasurer
Ken Porter and Richard McClanahan - Exhibits



Host Chapter President
Philip Dinsmore

(All activities are scheduled at Braniff Hotel—see diagram)

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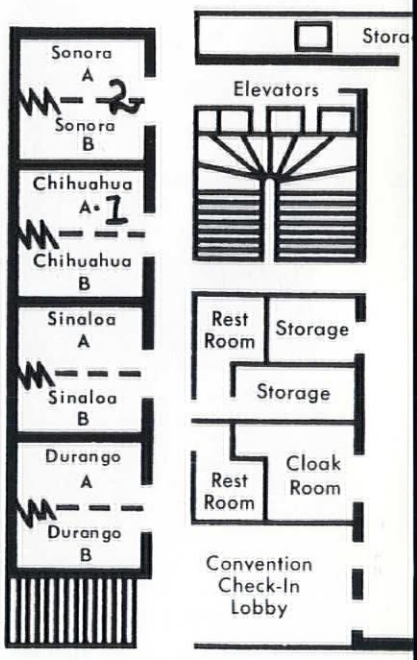
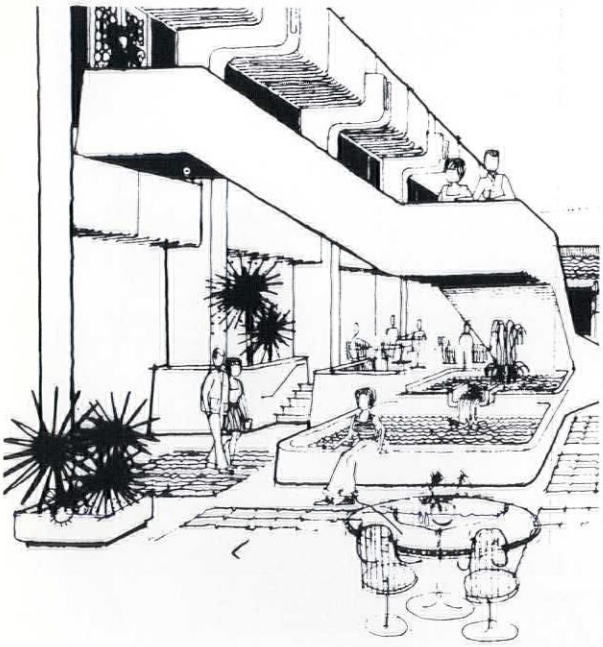
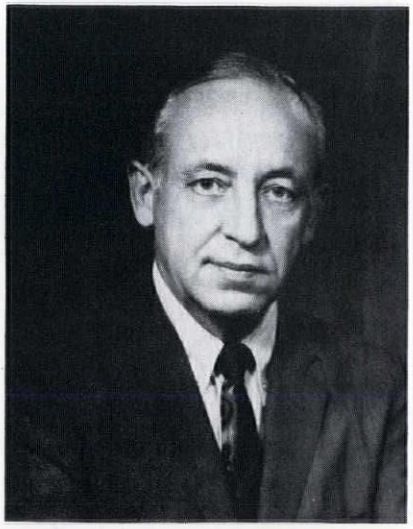
when	what	where
March 21		
4:00 - 7:00 p.m.	Arrival & Registration	Lobby
7:00 p.m.	Exhibit Viewing/Cocktail Mixer (Ladies!)	Room 4
evening free		
March 22		
7:00 a.m.	Officers/Directors/Presidents meet for Continental Breakfast	Room 1
	Everybody else . . . no host breakfast	
8:45 a.m.	Opening Ceremonies	Room 2
9:00 a.m.	**Reports** Robert J. Schmidt, FCSI, CSI Secretary Joseph Gascoigne, Executive Director/CSI Robert Ashbrook, Southwest Section Director R. James Noone, Region 10 Director	Room 2
10:20 a.m.	Break	
10:40 a.m.	**Chapter Reports -** Don Paxton/Albuquerque; Robert Johnson/Denver; Jon Davis/El Paso; J. Joseph Diemer/Phoenix; Atha Lavalett/Pikes Peak; Philip Dinsmore/Tucson; Keith Richardson/Salt Lake	
12:10 p.m.	Luncheon and Exhibit Viewing	Room 3
1:30 p.m.	**Using the Documents** Today's: Richard C. Perrell, FCSI, Moderator Robert J. Schmidt, FCSI Tomorrow's: Terry J. Strong, Moderator Joseph A. Gascoigne	Room 2
2:30 p.m.	Break	
2:45 p.m.	**Using Effective Techniques** Institute Developed 3-Part Seminar David T. Borchardt, Presentation	Room 2





Joe Gascoigne
Executive Director/CSI



Bob Ashbro
Southwest S

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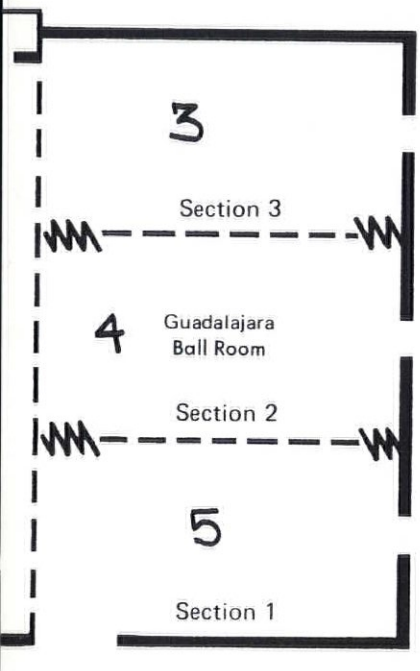
tucson, arizona march 21-23

am



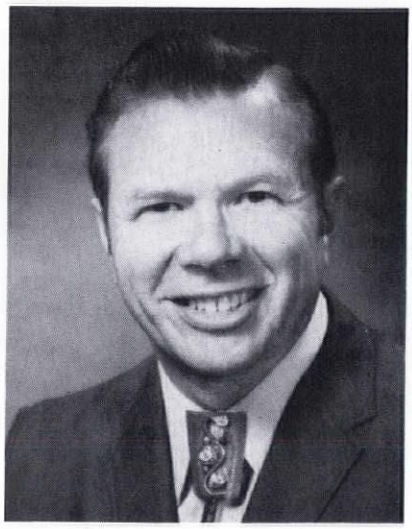
when	what	where
7:00 p.m.	Cocktail Mixer	Room 4
8:00 p.m.	Conference Banquet (Ladies) Dr. A. B. Mienel, Speaker	Room 3
March 23		
7:00 a.m.	Symposia Editorial Board Breakfast (By Invitation)	
7:00 a.m.	Everybody else . . . no host breakfast	
9:00 a.m.	**Using Chapter Activities** Technical: Craig Walling/Moderator Education: Scott Campbell/Moderator Industry: Thomas W. Keeton, FCSI,/Moderator	Room 2
10:30 a.m.	Break	
10:45 a.m.	**Using the Community Forum** Schools & Seminars: Cecil Holland/Moderator Publicity & Liaison: Fletcher B. Trunk/Moderator Civic Participation: Philip W. Dinsmore/Moderator	Room 2
12:15 p.m.	Luncheon and Exhibit Viewing (Ladies)	Room 3
2:15 p.m.	**Region 10 Business Meeting** R. James Noone and Robert Ashbrook	Room 2
3:15 p.m.	Break	
3:30 p.m.	**Region 10 Membership Forum** Chapter Agenda Items	Room 2
5:00 p.m.	**Conference Summary**/Robert Ashbrook	
Adjournment		

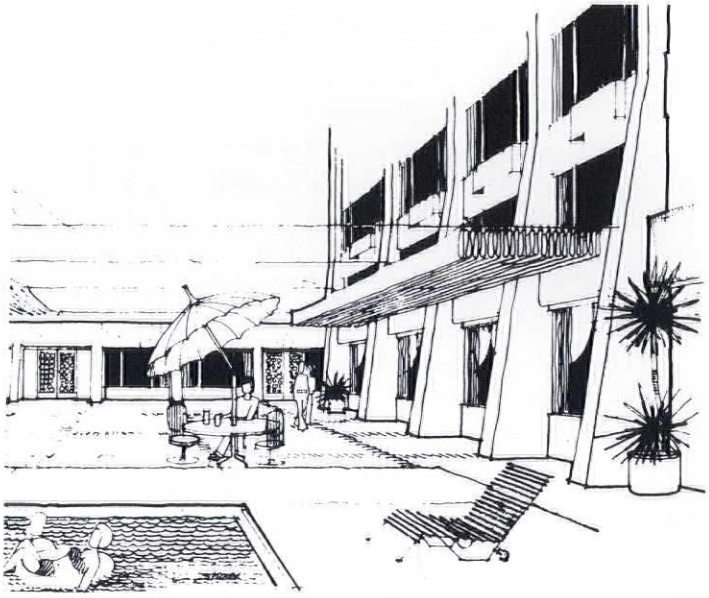
For the Ladies . . . Lord Love 'Em!

In addition to the Cocktail Mixer on March 21; the Cocktail Mixer and Banquet on the 22nd and the Luncheon on March 23—a very extra-special Tour to Nogales, Mexico will begin at 10:00 a.m. on March 22. This will include Luncheon and a Fashion Show at El Balcon. The Tour is scheduled to return to the Hotel at 2:30 in the afternoon.

Director

Bob Schmidt, FCSI
Secretary/CSI





Aden Baker Meinel

The Convention's Banquet speaker is the eminent Professor of Astronomy and Optical Sciences at the University of Arizona—Aden Baker Meinel. He and his wife and colleague, Marjorie Pettit Meinel, have done much to spark interest in solar energy as an option in the current energy situation through advocacy of "solar power farms".

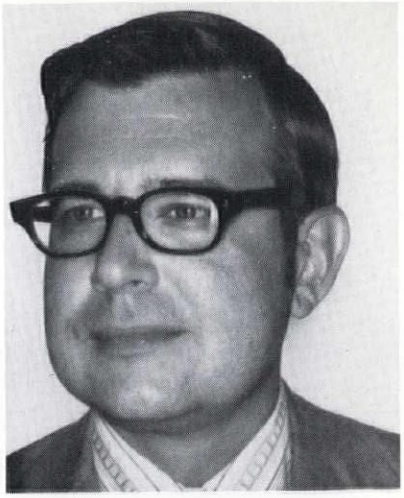
Director of the Optical Sciences Center in Arizona since its inception in 1967-1973, Dr. Meinel was Chairman and Director of the Department of Astronomy and founding Director of the Kitts Peak National Observatory. He has been president of the Optical Society of America, the Rocky Mountain and Southwestern Division of the American Association for the Advancement of Science and has served as Consultant/Secretary of the Air Force.

Dr. Meinel has served as Regent/California Lutheran College and received the Lomb Medal of the OSA and the Warner Prize of the American Astronomical Society. A member of the American Academy of Arts and Sciences, he is currently President of Helio Associates, Inc. of Tucson, Arizona.

The three part Institute-developed seminar, "Using Effective Techniques" to be presented to the conferees on Friday afternoon will be conducted by David T. Borchardt.

He is presently employed in the Industrial Relations and Security Division of the Bendix Corporation, Kansas City Division, a prime contractor for the U.S. Atomic Energy Commission. He was employed for nine years by the Department of the Army in various management and technical positions including the staff of the U.S. Army Armor School at Fort Knox, Kentucky, and the Command and General Staff College at Fort Leavenworth, Kansas. At the Bendix Corporation, David Borchardt, has been supervisor of the Information Control Section and Personnel Security Department. He presently is working in the field of industrial and employee relations. He holds a B.S. degree in Speech from Purdue University.

Mr. Brochardt is married and the father of a two year old daughter.



David T. Borchardt

OVER THE EDGE

by Cal Hoiland

Trouble with blackmail is, if the mark's any good
they keep weighing against paying you,
the idea of killing you. . . . . !
and a lot will try that second choice.

So, when I mentioned to Fred and Jim that I was planning an article praising them for designing the 3,000th mansard roof in Montana (A goodly number, indeed).
They were naturally torn between dishonesty ("Deny everything, Fred, he'll go away"), copout ("Maybe we can raise a thou or two"), and homicide (Let's kill the mother").

Gosh! I thought I was your regular welcome-to-everyone everyday publicist. How'd I know they didn't like mansards?
(Ed. note: Mansard is the name of a 17th Century architect, French, and a reincarnated roof shape.)
((Reincarnated in spades!))
(Ed.: Right.!!)
Anybody knows that, baby; even Edward Durell Stone never did a mansard, and he did all those . . .
I know.
. . . well, there you are. Nobody likes 'em.

Except,
Col. Sanders likes mansards,
and Dairy Queen likes 'em,
and Pizza Hut, Taco John, MacDonalds,
Conoco, Texaco, Gulf Oil, Exxon, Del Webb, Pz. . .
well, you get the idea.
Industrial sales psychologists agree that mansards are preferred by American buyers 2:1 . . . . . evidently.

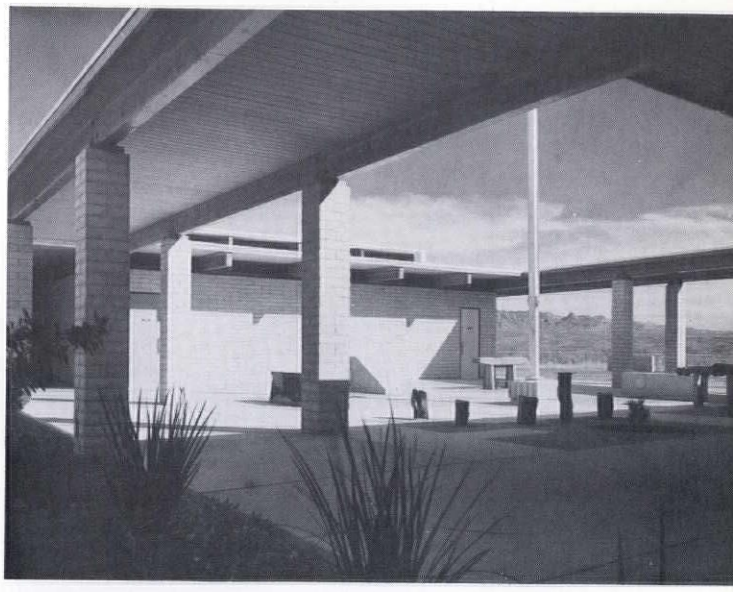
Like doctor shows and detective shows and giveaway shows on TV, the mansard roof has become another American symbol of minds up and locked.
Unfortunate.

Francois Mansard was possibly a beautiful human being and a sweetheart of a guy.
Rotten thing he did though . . . . . that roof.

The guy who discovered opium, at least relieved some pain, and eased the labored breathing of some asthma sufferers.

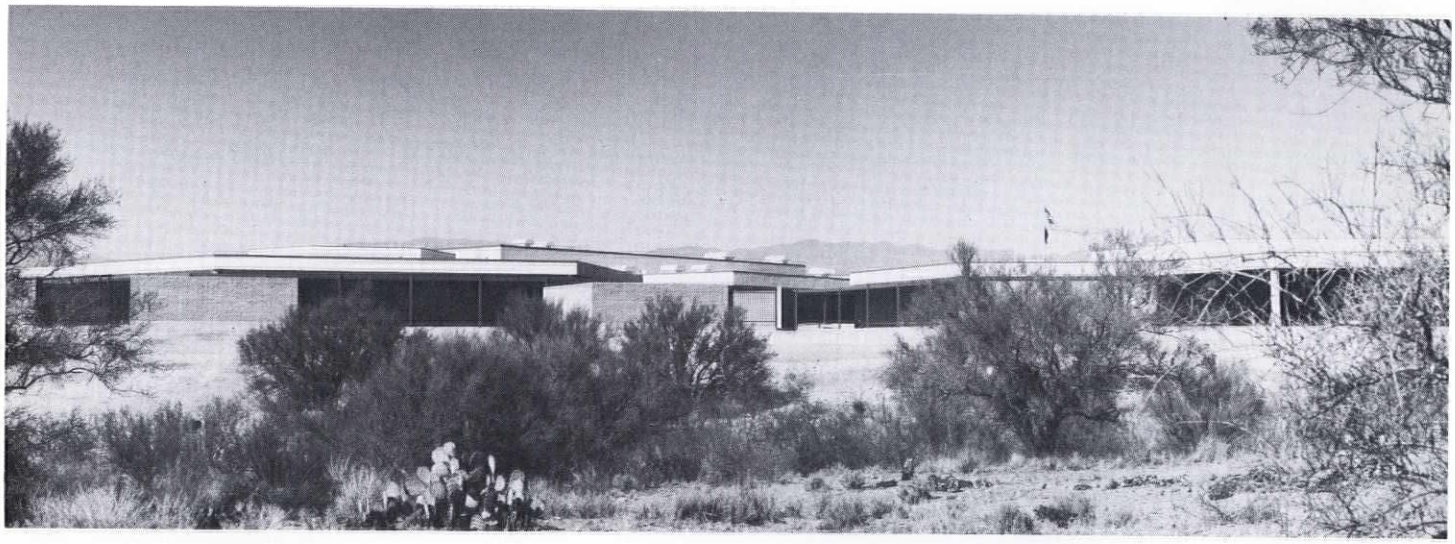
Monsieur Mansard, what have you done for us, really?

Sopori Elementary School—Lakewood Estates, Arizona
Superintendent: Paul Frick
Architects: Mascarella, Merry and Associates—Tucson



The design which evolved from the district's criteria is a series of increments integrated with covered walkways and courtyards into a miniature campus layout. Ultimately, a total of 5 pods of 4 classrooms each (2 are presently constructed) will house grades 1-5 with a specialized space for Kindergarten. Each pod has a common area in its core shared equally by the 4 classrooms . . . anticipated uses vary. At primary level, the space is carpeted and features a small Kiva used for group reading and dramatics, at upper grade level, the space is vinyl-floored with sinks and cabinets for art and science projects. Classrooms are arranged in pairs divided by an operable wall.

The site is most attractive, situated on a rise overlooking the Santa Cruz valley and is surrounded by mountains. Much of the dense native growth on the 10-acre site was retained and the exterior walls are natural color concrete "slump" block units which identifies well with residential materials used in the vicinity. The entrance courtyard is charming and practical, and since the building has literally become a community center, this space is a gathering place before and after community affairs. Now serving 200 students (K-5), Sopori Elementary School is expandable to 500 pupils and was built for $20.29 per square foot.

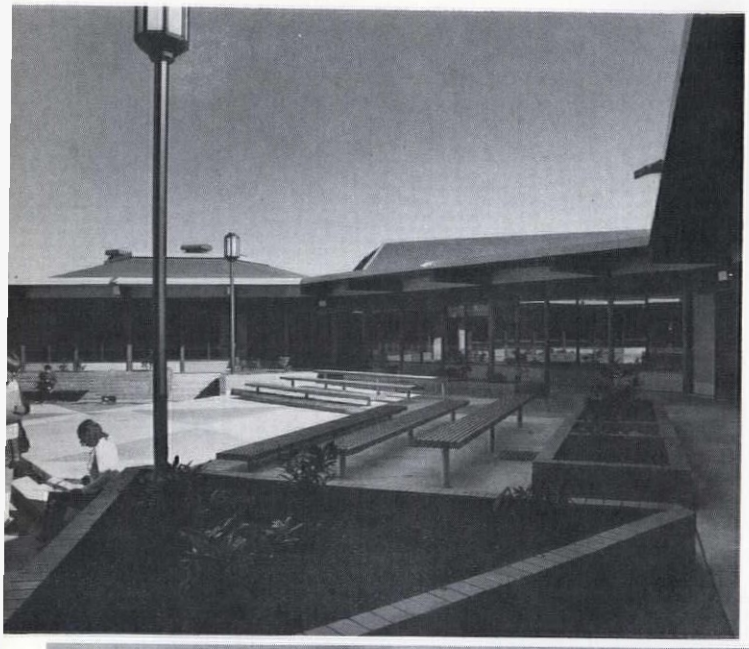


Delbert Secrist Junior High School—Tucson, Arizona
Superintendent: Thomas Lee
Architects: Mascarella, Merry and Associates—Tucson

Because of mushrooming growth in this large district, Secrist Junior High has been built for 660 (7-8) pupils with expansion possibilities to 930. The classroom pods were designed originally as entirely open, but center partitions and operable walls were added because the district felt there might be noise, confusion, personality conflict, etc. The hexagonal geometry affords equal access to the centrally located media center and interesting multi-directional teaching spaces. Recognizing that this geometry did not readily lend itself to other areas, the design problem was to successfully blend contrasting shapes without change in structural systems. Changes in level suggested by the rugged 20-acre desert site, a system of connecting walkways and a strong dual axis were employed to answer this challenge. The large multi-use complex encompasses platform, music and cafeteria adjoining an outdoor courtyard, and students are offered the option of interior or patio dining.

A limited construction budget was met through simple, repetitive framing systems, and the use of innovative "split-face" concrete block units. The broken face of the 16" x 16" block is exposed presenting a rugged pleasant texture and left the natural gray-tan color. The other major element in successfully meeting the budget was the use of combination wood and metal truss roof framing with plywood decking. The square foot cost was $22.78.

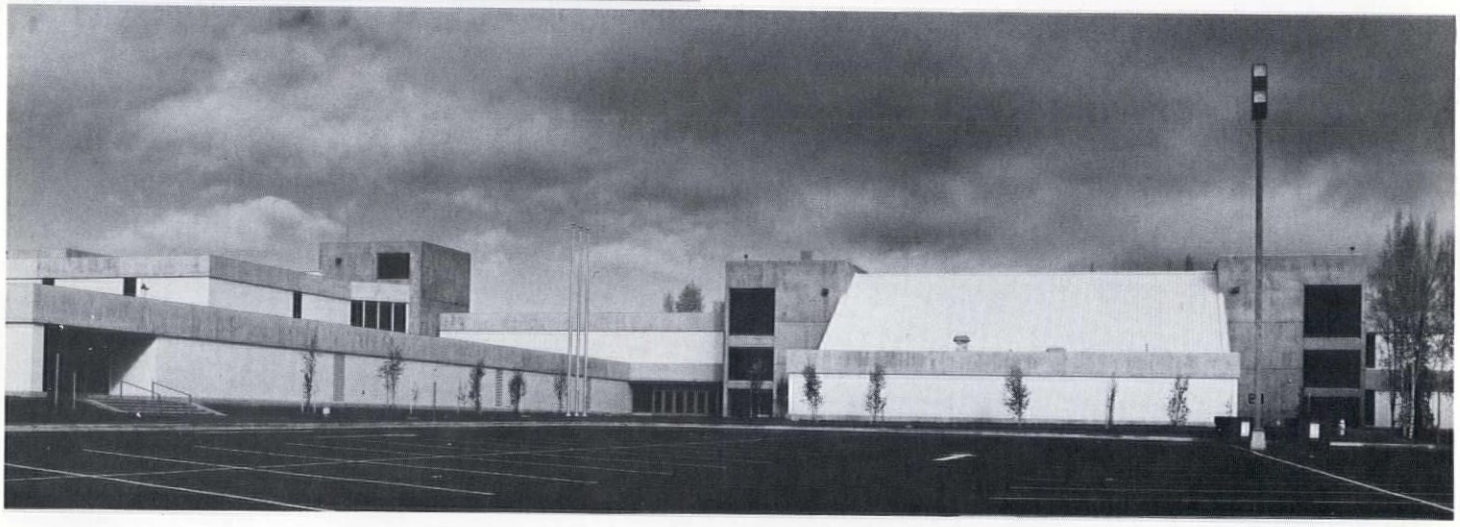
Snoqualmie Valley Middle School—Snoqualmie, Washington
Superintendent: Lawrence A. Lindberg
Architects: Campanella-Murakami-Brummitt/Inc.—Seattle (formerly Johnston-Campanella-Murakami-Brummitt & Company)



The irregular shaped 40-acre site is surrounded on three sides by a shallow slough providing a lush green belt and endless opportunity for ecological and environmental education. The school buildings were located to take the best advantage of topography, aesthetics, accessibility and for maximum utilization. To meet State Department of Ecology requirements, building areas were raised approximately five feet above existing grade on a compacted earth fill.

The academic building consists of five hexagonal pods with a sixth to be built for further expansion. These pods cluster around an open court. Initial construction accommodates 500 middle-schoolers (Grades 7-8) with a 600 maximum capacity when complete.

The separate field house is a unique concept now receiving wide acceptance as a means to gain the maximum possible area in which to carry out today's expanding physical education programs. Housed in this facility are a regulation basketball court with space for spectators, two practice courts, a three lane running track and areas for boxing, gymnastics, indoor tennis, etc. Exterior walls are 8" giant brick exposed both sides and the roof structure is wood trusses supported on precast concrete columns. The roof structure is exposed generally throughout the school. Learning areas, offices, commons and media center are carpeted, with vinyl tile used in most other areas — concrete floors are exposed in the industrial arts spaces. $23.81 per square foot is the cost of the Snoqualmie Middle School.

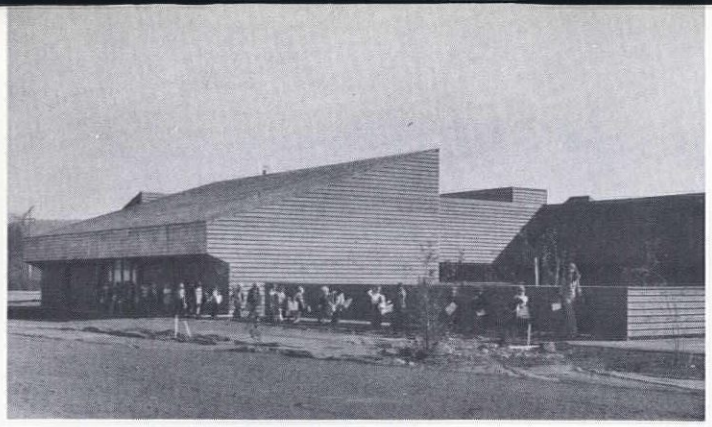


Bartlett/Begish Junior/Senior High School—Anchorage, Alaska
Superintendent: Joe Montgomery—Assistant Superintendent/Facilities William W. Klinger. Ms. Sue Green, Board President.
Architects: CCC/HOK—Anchorage, Alaska

A Junior/Senior High School for 3,000 students is a challenge at any time . . . the Bartlett-Begich facility was further complicated by separate funding, the High School through local funds — the Junior High School, federally. It will be operated by the local School Administration. After initial bidding, agencies agreed to a single bid price divided percentagewise into two Construction Contracts with the same Contractor . . . the Howard S. Lease Construction Company of Anchorage and Seattle.

Physically and socially, the commons or Main Place is the heart of the school between the Administrative area on one level and the IMC/Library on a split level up. Here students from both school levels are provided a social-mixing space. However, if separation by age is desirable, two separate dining spaces with related balconies for student offices, conference areas and lounging were created at opposite ends of the structure.

A number of technical differences are to be found in this Alaskan building . . . it is fireproofed for Type 1 UBC requirements, seismic requirements are Zone 3 with the addition of half snow load, and glass is bronze-tinted heat and glare reducing 1" thermopane. Crews, MacInnes and Hoffman of Anchorage were the Mechanical and Electrical Consultants, and the Structural engineers were Anderson-Bjornstad and Kane, Seattle and Huseby and Jacobs of Anchorage. This very large facility was built for $35.80 per square foot. Photography: Stephen Dunham and Kiku Obata.



Alpac Elementary School—Pacific, Washington
James Fugate Superintendent

East Port Orchard Elementary School—Port Orchard, Washington
William Davis, Superintendent

Architects: Donald F. Burr and Associates—Tacoma, Washington

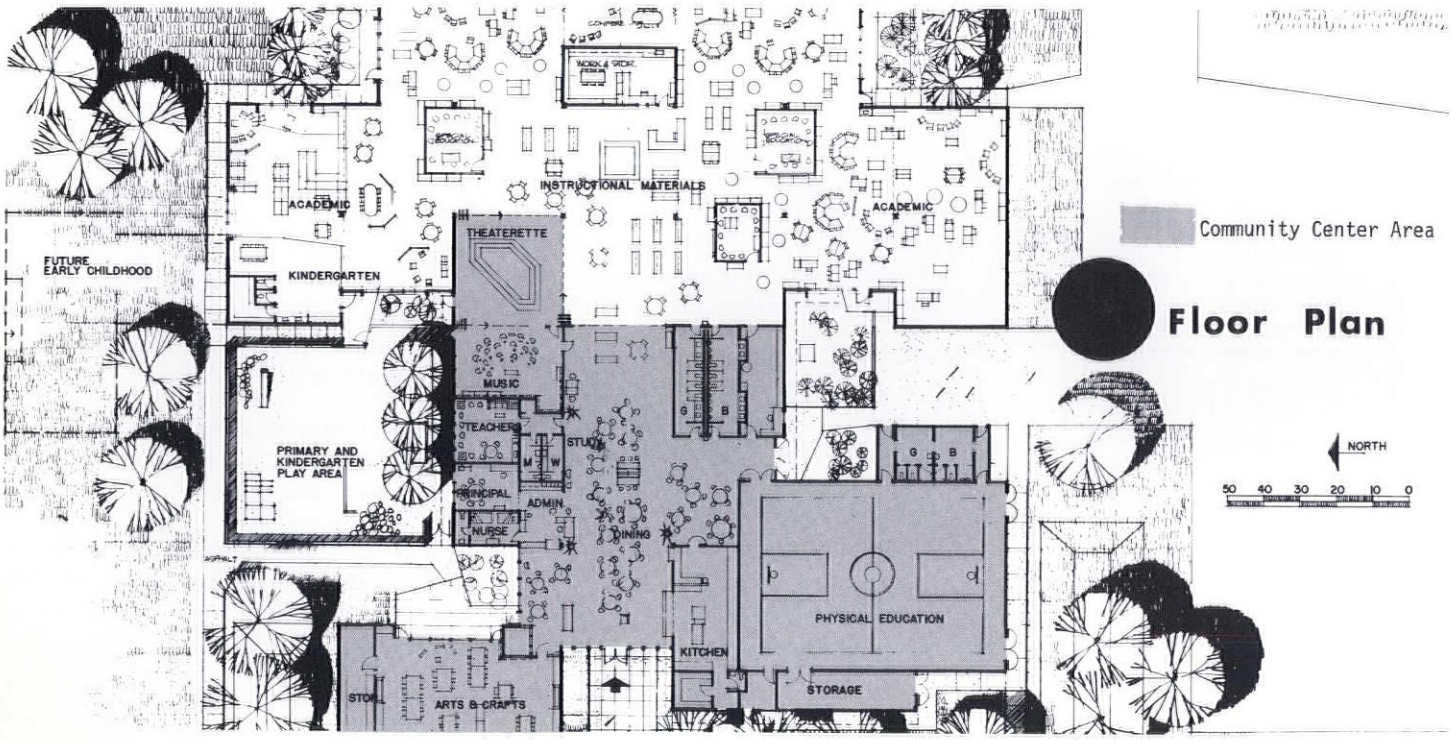
These two Washington elementary schools differ in floor plan and in exterior appearance, yet both express the same basic educational philosophy, both integrate community centers into the facilities and employ what Architect Burr describes as the super-module . . . 30′ x 60′. In both districts, the individual child and his growth is stressed and community involvement urged . . . therefore, in addition to required academic spaces, a significant portion of each building serves as a community center. A visually open grill is dropped when these centers are being used . . . closing access but not view. As always, the instructional media center is the crossroads of the school.

Alpac Elementary School in the west portion of the Auburn School District is located between the towns of Algona and Pacific. It replaces two existing older buildings in the two towns and will be a significant unifying factor for the two small communities. With a pupil capacity of 60 (Kindergarten), 390 (1-6) and 24 (special), much stress was placed on the environmental characteristics of the interior, and community spaces are grouped for maximum use. Literally every square foot of the school is productive and useful space.

Because of the high water table on the site, wood frame was chosen to provide movement flexibility and the exterior wood siding reflects the rural character of the environment. Both of these elementary facilities were most economically constructed — Alpac at $23.95 per square foot and East Port Orchard at $21.13 per square foot.

At East Port Orchard Elementary School, facilities are provided for 60 (Early Childhood), 60 (Kindergarten) and 720 (1-6) pupils. The individualized continuous learning program provides a basis for grouping other than the traditional chronological age grade level. The design based upon the systems concept provides maximum flexibility. Where walls are used, most are movable, and spaces can be rearranged in most cases on an overnight basis.

On this partial floor plan, it is possible to see how architectural planning has created large community spaces—shaded areas.



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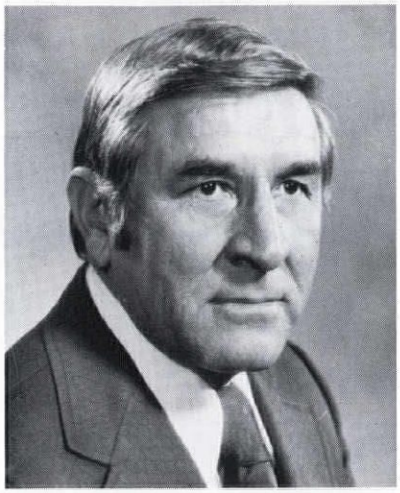


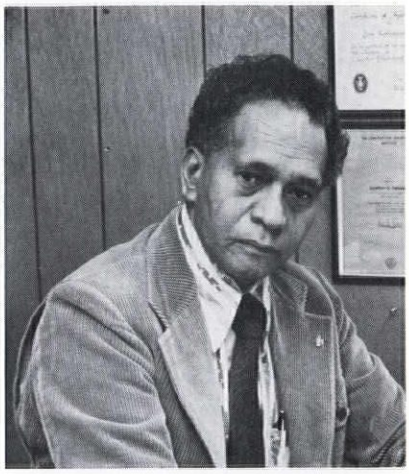
Joe R. Martinez, President
New Mexico Building Branch
Associated General Contractors

Officially assuming his duties last month is Joe Martinez, 24th President of the New Mexico Building Branch/AGC, the organization which represents plus 220 of the G.C.'s, specialty contractors and suppliers in the Land of Enchantment. Joe, who succeeds M. B. "Pete" Ford (Jaynes Corporation) is president of Marco Construction headquartered in Albuquerque.

Originally from Santa Rosa, Joe is a graduate of the University of New Mexico and has been involved in construction since 1950. From 1953 to '58, he worked as project engineer for Brown-Olds, one of the nation's largest mechanical contractors. In 1958, he founded Marco Construction which has developed into one of the major heavy and utility construction firms in New Mexico. His firm has recently completed the expansion of the Air Traffic Control Center for the FAA—a joint venture with Frank Tatsch of Silver City and is currently engaged on two sewage treatment plants.

A fourth-degree Knight of Columbus, Mr. M. is also a member of the Benevolent and Protective Order of Elks, No. 461 and a member of the Four Hills Country Club. He and his wife, Henrietta, have four children—Sandra (21), Robert (20), David (16) and Jo Anne (10).

Other new officers for 1974 include Vernon Jolly of the Banes Company, Albuquerque, senior vice president; and Richard Peck, general contractor from Santa Fe as vice president.



Jon Kahananui, President
Oregon Council of Architects
American Institute of Architects

The Oregon Council has elected Jon Kahananui to man the helm of the Ship of State in the year ahead. He is no stranger to the "fearless leader" role since he has served as President of the Southwest Chapter/AIA and the Willamette Valley Chapter of the Construction Specifications Institute. Since 1970, Mr. K. has been the Southwestern Chapter delegate to the Council and last year was Vice-President. He succeeds "Godfather" Benny DiBenedetto.

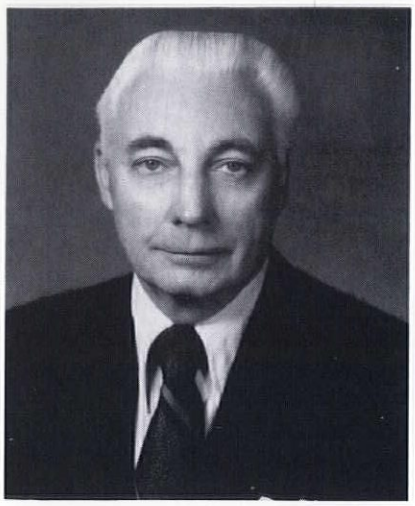
Primary Council effort in the year ahead, announced President Kahananui, will be directed toward implementation of the Man-Hour Data Bank and revision of the Architect's Licensing Law in Oregon.

For over two decades, Jon was in private practice in Eugene, currently he is University Architect for the University of Oregon. Other Council Officers in 1974 are Vice President Loyal Lang from Portland; Secretary Keith Chrisman who practices in Salem and Treasurer Jerry Hunter who is from Medford.

Robert I. Merrill, President
Intermountain Chapter
Producers' Council

Bob Merrill's own version of his "life and times" says it all, and so well—we'll let him take it from here!

"I'm a happy family man—wife, Pauline; daughters, Paula, Robynne, Michelle and granddaughter, Chantal. I've spent the



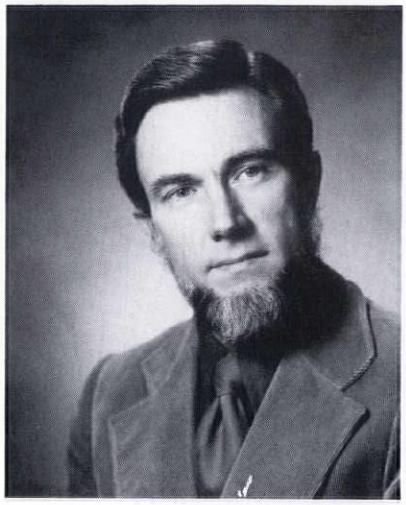
past 29 years employed as Janitor in the Merrill "Sorority" house. I also serve as Vice-President of Lauren Burt, Inc., an engineering and sub-contracting firm. My principal professional interest is acoustical engineering and having lunch with architects.

"Graduated from Utah University in 1948 in Civil Engineering, and am a member of the American Society of Civil Engineers, Tau Beta Pi, Chi Epsilon, Theta Tau and the Willow Creek Country Club where I'd rather play golf than work. Before my involvement in P.C., I used to do considerable recreation and business flying around the Intermountain area. Enjoy traveling and last winter, managed an "Around-the-World" trip to observe Arabic and Asian architecture.

"I've thoroughly enjoyed P.C. activities. My first assignment was Chairman of the 'Golf Outing' committee and I've since served in all of the Chapter's executive offices. When I attended the Producers' Council Chapter President's Conference last year in Cincinnati, I was delighted to receive the Region 3 Silver Bell Award and the Silver Bowl for the Nation's Best overall Chapter on behalf of all the fine members and hard-working officers of the Intermountain Chapter.

"The Executive Committee is now planning P.C. participation in the AIA/WMR Conference to be held in Utah next fall. I've thoroughly enjoyed and appreciated the people I've known in the architecture/engineering/construction industry, and feel no other industry has contributed more to the well-being of mankind."

Some kinda leader! We salute you, Mr. Merrill.



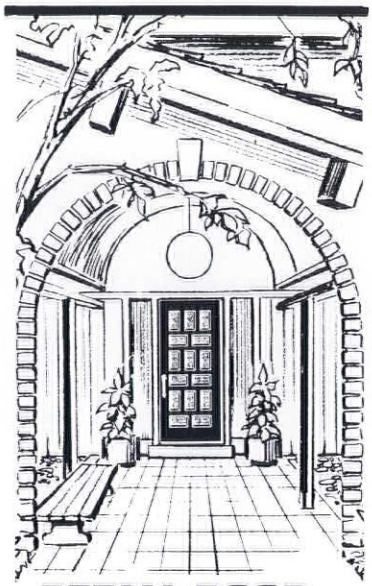
Jon Berry, President
Southwestern Oregon Chapter
American Institute of Architects

Many of our readers will remember Jon's "Definition of an Architect" in the October issue—we have been urged to print it annually! Now, it is our pleasure to welcome him to the phalanx of the "fearless." He will be the head honcho for the Southwest Oregon Chapter which although centered in Eugene draws its members from as far away as Corvallis, Coos Bay and Roseburg.

Originally from Riverside, California, he is a 1960 graduate of the University of Oregon. A brief sojourn in California as a practitioner was followed by his return to Eugene and in 1966, he set up shop with John Briscoe. The Briscoe and Berry practice is a general one with emphasis on school facilities. We understand his spare time is spent in trying to keep his sixty year old house from collapsing.

His able aides in '74 are Wilmot Gilland, Vice-President; Bill Neal, Secretary; Ray Glass, Treasurer, with Ron Sanetel as Director; Mile Shellenbarger as Associate Director and Cy Stadsvold is the Chapter's representative on the Oregon Council.

Gilland and Shellenbarger are head and assistant head, respectively, of the Department of Architecture at Oregon U.—the remaining officers are all in private practice . . . Glass and Stadsvold in Corvallis, Sanetel in Springfield and Bill Neal in Eugene. Jon's aims for the year are to emphasize Chapter membership and meeting attendance at monthly gatherings and the reinstatement of the Honor Awards and Craftsmanship Awards Program. Right on, Jon!



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DOWNTOWN DENVER ANNUAL AWARDS

On 4 February, Downtown Denver, Inc. again honored those individuals, businesses and organizations who contributed significantly to their avowed purpose of making Downtown a more enjoyable place to be. As always, there was a large and representative group of nominations, and during 1973 a number of projects reached completion. Awards are presented in several categories . . . new structures; exterior and interior alterations; parking structures and lots; sculpture, fountains and art work, landscaping and urban environment and special awards. This year's committee added one new category—that of restoration.

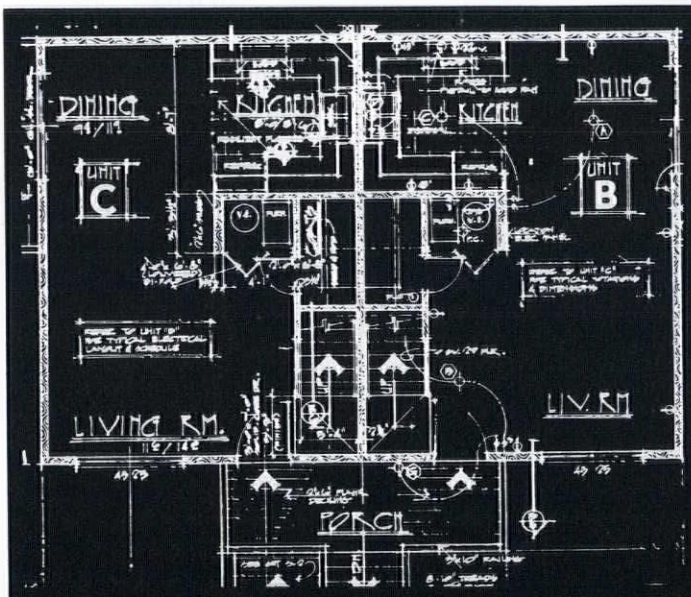
Highest of the Awards presented annually is the Placque Award which incorporates the handsome bronze emblem designed by Charles Plumb and symbolic of "a city in which people can work, play, shop and live in comfort, dignity and pride."

A special Award of Commendation was presented to Dr. Otto Karl Bach and his wife, Cile, in appreciation for their dedication to the enrichment of Denver's environment. Dr. Bach retires this year from his position as Director of the Denver Art Museum.

THE AWARDS COMMITTEE

Elizabeth W. Trunk, Chairman
Victor Langhart, AIA, Consultant
Florence Anderson
Alan Canter
Phillip Heinschel
Marwan Jalili
Gordon Jones
Duncan Pollock
William Saslow
George Thorson, AIA
Carol Parden, Program Coordinator
Timothy Campbell, Public Relations

Other Awards of Commendation were made to *Eddie Bauers* for their new downtown Denver Store, a happy place with a warm and woodsy atmosphere in keeping with their merchandise. *"The Changing Scene"*—Co-Directors Maxine Munt and Alfred Brooks—was cited for providing Denver with a unique cultural experience through experimental excursions into the lively arts. A third Award of Commendation was made to the Volunteers of America's *Sunset PLAZA*—Architects/Hornbein and White—Interiors/Rhetta Dignum. The Committee commented that Sunset Plaza was sensitively planned for the not-so-young and not-so-wealthy and demonstrated the human viability of the city core. Awards of Merit were presented to three projects - the interior of the *Central Bank and Trust Company*, designer Frank Zancanella, AIA, of William Muchow, Associates. This striking and sophisticated decor is clear proof that banking need not be dull. The Tri-State Buddhist Church Apartments, Incorporated was honored by a Merit Award for *Sakura Square* which provides a successful focal point for an ethnic group and brings them into a far



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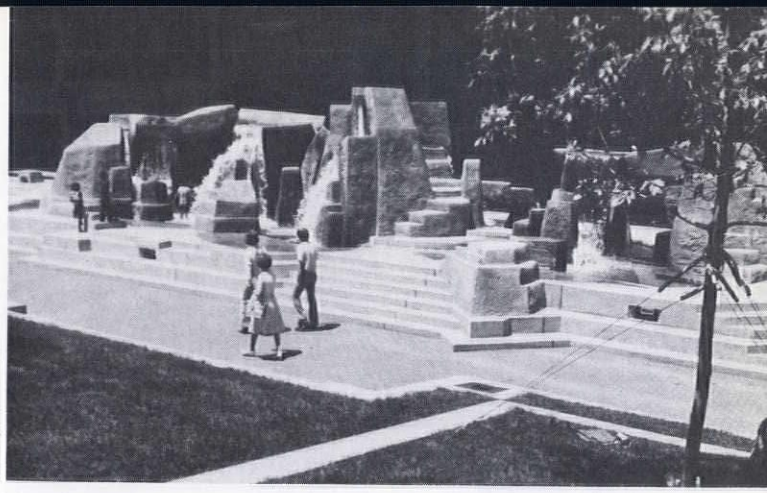
more intimate relationship with their neighbors and the downtown community. Architects for Sakura Square: Bertram A. Bruton and Associates.

One of the selections made by the Committee in the new category of Restoration was the Merit Award given Wazee Design and Development, Inc. for Market Street Mall. The basic integrity of the structure was preserved with taste and tact and well scaled to its adaptive uses. The designers are a group of talented young men—James Adler, Allan S. Reever, William S. Saslow and Peter H. Dominick, Jr. The Architect was John Wulfmeyer.

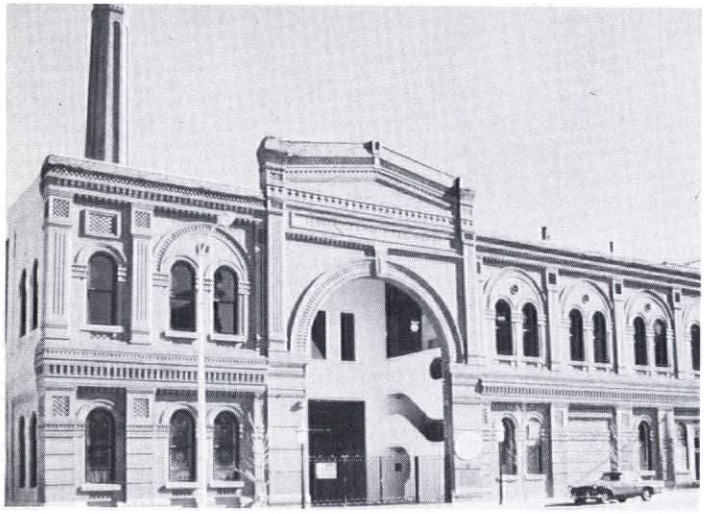
The Placque Awards
Skyline Park/Part I

Developer: Denver Urban Renewal Authority
Owner: City and County of Denver
Designer: Lawrence Halprin Associates/San Francisco



Photography: G. McFadyen

The Committee noted that "this was *the* gracious amenity downtown, a breathing space of grass, trees and paving. The pedestrian slows his pace here - to listen to the splashing water in the fountain and to prolong an unexpected pleasant experience. An artery has been cleared to the heart of the city and we can hear a stronger and truer beat. Skyline Park makes Downtown Denver a better place to be."



Tramway Cable Building

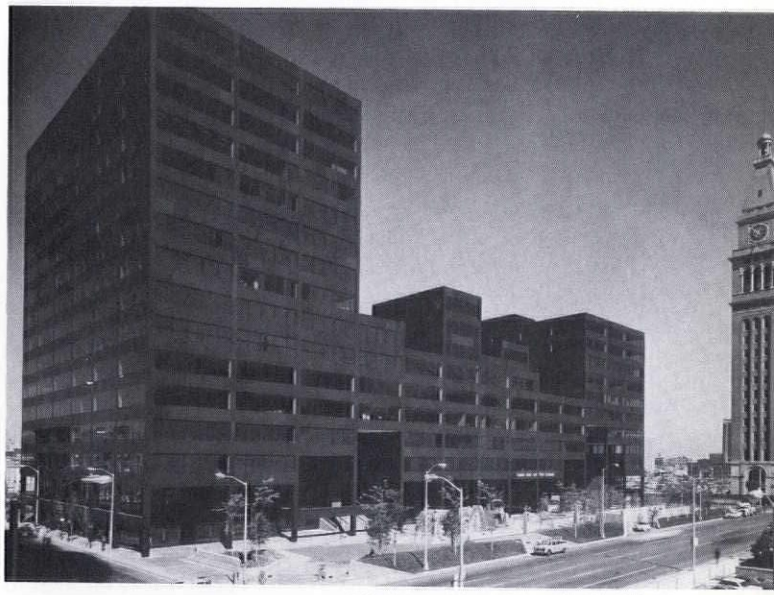
Owner: E. J. Judd/The Albion Corporation
Designer: Judd Engineering
Architect: James Sudler Associates
McFall and Konkel were the Mechanical Consultants and construction was by Judd Cõnstruction.

The Committee's citation reads: "Saving a fine old structure from the wrecking ball requires a certain sort of reckless courage—not unlike that of "our hero" untying Little Nell from the railroad tracks just as the train rounds the bend. Add to this a demonstration of the feasibility of many adaptive uses, in this case, an imaginative restaurant, a contemporary architect's office and a recording studio—this is admirable. To finally have the restraint to forego frippery and let the craftsmanship of the architecture speak for itself—this is achievement! All of this has happened at the Tramway Cable Building—we are all grateful!"

Park Central

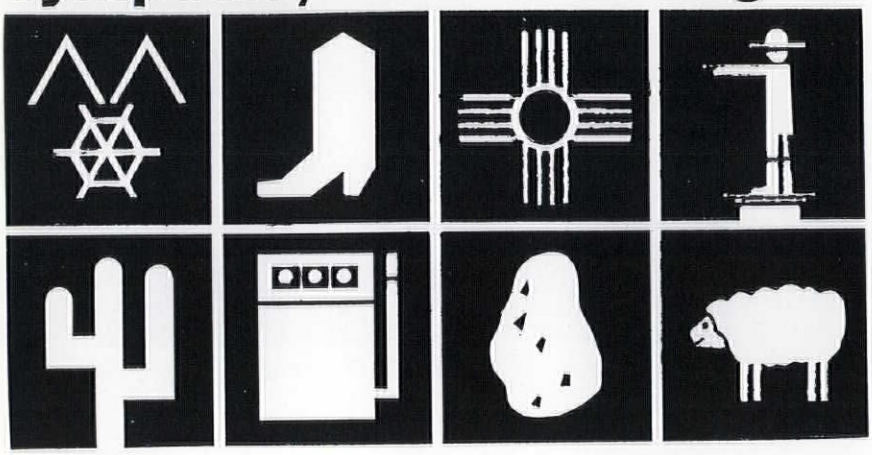
Owner/Developer: Leavell Development Company, a wholly owned subsidiary of Rio Grande Industries.
Minority Owner: Central Bank and Trust Company.
Architect: William Muchow Associates/George Hoover, AIA, Designer The Committee comment: "Every city merits at least one building like Park Central, an exciting example of sleek, urban architecture. The simple structural elements are elegantly massed; the building escalates grandly from the Park at its feet; the rising staircases implying a kind of leashed power. The understated tratement of the second-level plaza shows meticulous attention to detail. Park Central is an important building simply because it looks like one. It enhances downtown Denver with a stimulating visual counterpoint—a good neighbor without sacrificing one whit of its own individuality."

This was the thirteenth in the annual Downtown Denver Awards Program—it again underscored the dedication of those who are a part of Denver's Central Business District keeping it a happy growing area . . . matching the city's progress with its own realizations of excellence.



Photography: Ronald W. Wohlauer

symposia/around the region



arizona

Land Use Meetings

The Arizona Environmental Planning Commission chaired by F. J. MacDonald of Scottsdale and our Contributing Editor on Landscape is holding a series of meetings throughout the state. Purpose of the public hearings is to obtain grass roots input into land use legislation to be developed by the Commission. The first hearing was held on February 8th at Casa Grande with about 75 Pinal County residents and officials in attendance. Dates for public hearings in six southern Arizona communities —February 22 in Tucson; February 23 in Nogales; March 2 in Yuma; March 8 in Busbee and March 9 in Safford and Clifton.

"Big Mac" who has been chairman of the Governor's Citizen Advisory Committee on the Environment for several years told the meeting in Casa Grande . . . "Whether we like it or not, we're having company in the next few years and some are going to stay for dinner." The state's population is expected to double in the next 25 years, "Mac" warned, and a statewide plan is the only way to make some order out of the growth which is on the way. "It will," he concluded, "tell the wonderful wizards of Washington they have to look elsewhere to impose their Mickey Mouse plans."

MacDonald, a member of the Phoenix Chapter/CSI, is the Executive Vice President of the American Institute of Landscape Architects who recently held their International Convention on February 14-17 in San Francisco.

AIA Committee Appointments

Selected to serve on National Committee for the American Institute of Architects this year are some fifteen good men and true from Arizona. Southern Arizona members include Bob McConnell (Dean/A.U. College of Architecture) Environmental Education; Dennis Brizee, Systems; F. Mark Edson, Urban Planning and Design and Jim Gresham (President of the Arizona Society), Design.

From the Central Arizona Chapter, appointees are: James R. Rapp, Architecture for Arts and Recreation; Ralph Haver and Peter Lendrum, Architecture for Commerce and Industry; CAC Prexy George Sprinkle, Architecture for Criminal Justice; Jim Elmore (Dean/A.S.U. College of Architecture), Architecture for Education; Howard Miller, Urban Planning and Design. Ralph Harris will serve on the committee for Architects in Government; Robert Harold Carr on Codes and Standards; Bob Sexton, Personnel Practices and Herbert W. Schneider, the National Capitol.

It certainly looks like the fellows from Arizona will have some helpful impact on the national scene in the year ahead.

ASU Lecture Series

The Guest Lecture series at Arizona State University in Tempe has an unusually fine schedule of speakers lined up for March. These lectures are held in the Education Lecture Hall on campus in the afternoons. On Wednesday, 6 March, John Yellott will speak on "Human Settlement in Arid Regions" at 12:40 p.m. to be followed at 2:00 p.m. by Harold Hay on the "Solar House." On 7 March, Steve Baer on the topic "Zome Works" is scheduled at 12:40 p.m. and "Under Ground Architecture" will be discussed at 2:00 by Malcolm Wells. Elizabeth Wright - Ingraham of Colorado Springs is featured at 12:40 on Friday, 8 March and will lecture on "Ecological Architecture." John Klock is the 2:00 p.m. speaker —his subject "Waste Disposal and Recovery."

Final lecturer on the March schedule is Arizona architect and eminent designer, Bennie Gonzales. Mr. Gonzales will be heard at 2:00 p.m. on Thursday, the 28th.

colorado

New Associate

Don Henry of the Vanderwood and Henry architectural firm over Grand Junction way reports that they have recently added a new member to their staff. Gentleman in question is Vernon S. Denison who will work primarily in electrical design. He has some fourteen years experience in electrical design and construction; is a commercial lighting specialist and an associate member of the Illuminating Engineering Society. Mr. Denison is a native of Salt Lake City but has been in the Grand Junction area since 1968. He and his wife Sharon are the parents of a son and heir, Terry, by name.

Thanks, Don, for introducing Mr. D. to the architecture/engineering/construction community via Symposia.

New "Fearless" for SEAC

Newly elected officers for the Structural Engineers Association of Colorado for 1974 are: Charles Zecher, President; Edward Bierbach, Vice President; Adolph Weller, Secretary-Treasurer; Forrest Mickey, Board Member.

The President, Charles Zecher, has his own engineering firm in Denver. The Vice President, Edward Bierbach, also has his engineering firm in Denver. The Secretary-Treasurer, Adolph Weller, is a partner in the engineering firm of Towner/Lopez/Weller in Boulder, Colo. Board member Forrest Mickey is a partner of Mickey and Fox Inc., Denver.

The S.E.A.C. currently has about 30 members and meets once a month in Denver. All meetings are luncheon meetings with a short program which is designed to be of interest to the practicing structural engineer and his office practice. Members must be registered professional engineers in the State of Colorado and must be at least part owners of the firm where they practice.

The S.E.A.C. has published a snow report for Colorado which is being widely accepted as a standard for roof design loads in Colorado.

For further information on the availability of snow load reports or membership in the S.E.A.C., please call or write Charles Zecher, 910 16th St., Denver 80202; phone 303—222-8668.

Major AIA Changes

With the reorganization of the Colorado Society of Architects(Symposia/January-pp 10), members were advised in the first issue of the CSA Letter of just where to go for what. Questions in regard to dues, membership, programs and committees and speakers should be addressed to the Chapter—that means Betty Jo Gallagher (Neal Carpenter's Secretary). The mailing address is Colorado Central Chapter/AIA, P. O. Box 6593, Cherry Creek Station, Denver 80206. Via Ma Bell, members may reach Neal/Betty Jo by dialing 292-1840 (Denver Metro) or 1-353-3434 (outside that area). The Colorado South Chapter address is P. O. Box 2407 in Colorado Springs, 80901 and by telephone you can talk to "fearless leader" Cliff Nakata or Girl Friday, Carol Harr at 437-7225.

The Colorado Society of Architects is headquartered (as always) at 1426 Larimer Street, Denver 80202 and Executive Sharon Cooper is on hand to answer questions on state-level projects and programs; governmental affairs; National AIA matters and requests to be placed on the employment referral list. Incidentally, Sharon would appreciate any "hot news tips" for the CSA letter. Give her a call at 244-8959.

Transportation Center

The two major bus companies serving Denver have shaken hands and through Four State Realty Company of Dallas have made a proposal to build a new terminal (approval by DURA Board/February 6) on Block 29 in the downtown Skyline Renewal Project. Continental Trailways and Greyhound will be the prime tenants in the Transportation Center which has an estimated total development cost of $5 million. The new terminal which has been a goal of downtown business leaders and city government for over a decade will replace two separate terminals which are poorly located and obsolete.

The new terminal will have 18 loading docks for buses and passenger services on the ground floor and will be topped by four levels of off-street parking for approximately 950 vehicles. The center will also have a large restaurant and facilities for escorted bus tours. A construction start is expected by the end of 1974 after final plans and specs are completed by the architectural firm of Bennett and Vogel, Dallas.

idaho

Annual Meeting

Engineers Convention

Our sincere appreciation to John L. (Larry) Hoffmann, our Board fella in Boise for this fine report on the CEC-ISPE convention held January 24-26 at the Rodeway Inn, Boise. Larry writes . .

"Our combined convention was a great success with a record turnout from throughout the state. The Consulting Engineers/Idaho met on the 24th starting with a breakfast for the Board of Directors. You have already published the list of officers, and will send you a photo and resume of our new president, Richard Kanemasu in the near future.

One of the decisions made was to have our annual CEI meeting in Coeur d'Alene in July, 1974. It will be a regional meeting with Washington, Oregon, Montana, Nevada, Utah and Wyoming invited to attend, and we'll have a CEC officer there to address us. It took some figuring to hold it in Coeur d'Alene with Expo '74 being held in Spokane only a few miles from the convention. (How about "two for one"? And just think of all the petrol you'll save! Ed.)

Of course, the subject of ethics and standards as well as professional guidelines and enforcement authority were discussed. The CEC Code of Ethics and CEC/US Bylaws Article VIII provisions for disciplinary proceedings were adopted.

The Thursday session was devoted to the energy problem. Talks were given by Michael D. Hathaway, special assistant to Senator McClure for Energy and Environment; by R. Dean Grimm, Chief Executive Officer of Intermountain Gas and by Albert Carlsen, president of the Idaho Power Company. Friday morning, a talk was given by Thomas M. Ashton, Pacific Power and Light Company, on the "Air Quality Control at the Jim Bridger Power Plant" and by Albert Carlsen on "Resource Plus Engineering Equals Energy."

Friday's session was devoted to a luncheon meeting with Lieutenant Governor Jack Murphy discussing the many problems facing the Idaho Legislature now in session. The reorganization of the State Government will mean the State Board of Engineers Examiners might have a different status which would mean the joint office area and personnel could not be shared with CEI, ISPE, ASCE, AIA etc. This will mean a change of operations in all these agencies. Some of the engineers invited State Legislators to the luncheon and it was a good time to approach them with our problems.

In the afternoon a talk was delivered by R. Glenn Bradley, AEC-Idaho Operations Office on "AEC Future Energy Research and Development." Next followed a lecture on "Solar Energy Evaluation Projects" by Dr. Charles D. Beach of Westinghouse Georesearch Laboratory. If the engineers were not conscious of the "energy shortage" at the start of the convention, they certainly were by Friday afternoon.

The Saturday morning session was devoted to the Young Engineers, with Roger R. Bissell being presented the Young Engineer Award.

Wives joined their husbands for a Pizza Party on Thursday night where all had a very merry time. Friday night the banquet was held and everybody enjoyed the festivities. The main speaker was Arthur A. Hart who spoke on the conversion of the abandoned Idaho State Penitentiary into a museum and second Ghirardellis Square. The evening ended with dancing until the "witching hour" . . with the group having a wonderful time.

So another reunion of husbands and wives of Idaho Engineers was over and it was home again to the ends of the state for another year."

Again, thanks a million, "Larry"—an excellent summary!

nevada

Meet Ralph!

That's Ralph Bond, natch, a new name on our masthead and the fellow who is bringing us all the news from Last Vegas these days since "Fearless Fielden" moved over into the WMR slot. Writes Fielden . . "Subject's bib was written and edited by mother of "My son, the Architect" and "Mother" (as Cosell would say) "does not tell it like it really is." "Fearless" sez Ralph "is a great Monday night arm-chair QB, and an energetic, young creative practitioner enthused over the unlimited professional opportunities emitted each day by the occurrences and flux of our ever-changing social stratum." And he appends . . "Beside, he can spell!"

Ralph is a native of "JPB" country where he attended the University in Missoula and Montana State at Bozeman. He migrated to Las Vegas in '63 where he worked for small firms and large corporations. While working for Holmes and Narver, he spent a year on Amchitka Island, Alaska accumulating "know how" in many phases of architecture/engineering/construction leaving before the "big blast."

When Ralph returned to the lower 48, he took a position with Daniel, Mann, Johnson and Mendenhall as senior designer, moving to Reno as Project Manager for Seldon/Nespor. He is presently with Jack Miller and Associates, Inc. in Las Vegas.

Ralph's hobby of photography serves him well with his interest in Nevada's turbulent history and exploration of ghost towns. He enjoys fishing and the beauty of the desert.

Welcome aboard, Ralph Bond—nice to have you join our Symposia family.

AIA/Northern Nevada

And that means, of course, that ever-faithful Bob Simpson is on the wire with a list of the "dedicated" who will direct activities of the Nevada Architects during '74. (Ralph has sent along the Las Vegas group . . see next month.)

In the Northern Nevada Chapter, Esley D. Harden is President, Fred O. Dolven, V.P., His Nibs, Bob Simpson, is Secretary and George Ferrari is Treasurer.

For the Nevada Association, Bob reports that Ralph A. Casazza will serve as President (a

second time around), J. William Simpson of Las Vegas will be Vice President and Edward S. Parsons (y'all remember Ed) is Secretary-Treasurer.

Bob tells us that several Las Vegas members were present at the Northern Nevada's Annual Bash and Installation ceremonies on 25 January. "WMR Director, Bob Fielden, topped off the banquet by challenging Nevada Architects to make the 'Nood' Good and reduce our environmental crud factor. It was a *swell* party." The following morning, the Nevada association elected officers and planned to reconvene in Tonapah on 23 February . . "The Great Czar willin' and the Pumps have Gas"!

new mexico

Liaison Committee

Dennis Roberts who wears all kinda hats down in the "Land of Enchantment" reports that a Joint Committee—AGC/AIA/CEC/CSI has been discussing the problems of rising material costs and shipment apres contracts have been awarded. "Some materials have increased in price every month, i.e. asphalt which has doubled in $ in three months. The possibility of 'escalation clauses' has been discussed, but do not appear to be practical. Moreover, contracts with public owners will not allow for such clauses under present laws.

"At the present time," Dennis reports, "the committee feels the best answer is to continue, as usual, based on the premise that the G.C.'s expertise in estimating costs and assuming the full risk is a major asset of responsible contractors."

Any suggestions or insight into this problem will be welcomed by Dennis at the AGC Office —243-9758. He will present it (manna from heaven?) to the Joint Committee.

From Sandy Eggo

Joe Boehning who has been honored (burdened) with the job of putting out a WMR Newsletter writes that he has received the minutes of the Grassroots Regional Council meeting (plus an incomprehensible tape of the proceedings) and reports the following:

1. The proposals for regional programs on: a) Continuing Education, with DeVon Carlson as coordinator, b) Historic Preservation, with Langdon Morris as coordinator, and c) Governmental Affairs, with Dwight Busby as coordinator; were presented and approved. These are pretty much as presented by Bob Fielden at Estes Park.

2. At Estes Park, the Central Colorado Chapter suggested that the WMR Conference be held once every two or three years. Jess Holmes was requested to look into this and get feed-back from the other chapters in the region. He polled all component presidents, and with the exception of Central Colorado, the feeling was to continue with the conference on an annual basis.

3. 1974 WMR Conference will be at Snowbird, Utah—September 19 thru 22.

Joe is having "an Excedrin headache" getting news and rosters outta youse guys at the Chapter level. C'mon, fellas, it's a thankless job at best so let's give this dedicated guy all the help we can. May Day!—rosters and news to Boehning!

oregon

Latest Scandal/Eugene

We're splitting Editorial Board Member Paul Edlund's report in twain this time around because of the significance of his delineation of the CSI Willamette Valley Chapter meeting on "prognostication" which will be found on Page 9. From the AIA Sector—Paul reports:

"Jack Berry, Southwestern Oregon AIA Chapter President has kicked-off his tenure with a resounding bang!

"First, he 'retreated' with his Board to the Oregon Coast where they 'jaw-boned' Chapter plans for the coming year. Secondly, he announced the Chapter was returning to monthly meetings. John Storrs, Portland's talented and

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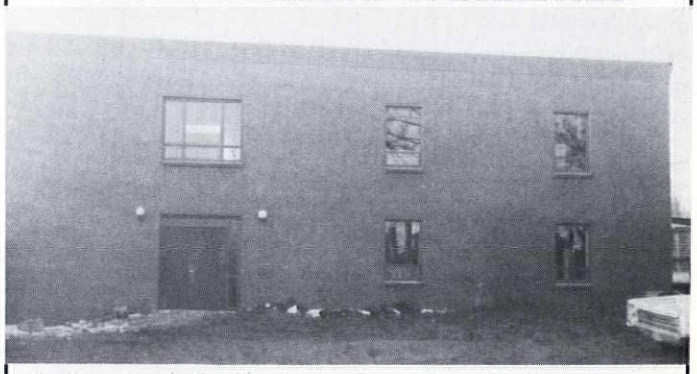

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outspoken Architect, attracted over 50 members to the year's first meeting (many hadn't attended in years). Finally, Berry appointed Dan Childress to Chair the Local Affairs (G.D.A.) ((goddamned architects)) Committee to assure that the weekly luncheon meetings will be informative, interesting, entertaining and well attended."

So the AIA is off and running!

Godzilla Meets Entropy

Some kinda topic, right? But that is just what Joel Schatz the Oregon Governor's Energy Advisor titled his presentation to the Portland Chapter/AIA on February 19 at the Trojan Nuclear Plant Visitor's Center in Rainier, Oregon. Buses transported Portland Chapter members to the site of the presentation . . kindly supplying a no-host bar service both ways and considering the title of presentation not a bad thought.

John Schatz (Masters from Denver U in Systems Science and Interdisciplinary Research Methods) is the Director of the Office of Energy Research and Planning for the State of Oregon and is described as one of the most provocative, stimulating and enthusiastic personalities on the "scene". In his own words, Mr. Schatz said that "Godzilla Meets Entropy" covers basic relations between economics and energy and shows all attempts to consume more total energy in an era where the net energy available to the consumer is declining must result in inflation, social instability and prospects for global war. (Some kinda Mary Sunshine is Mr. S.) Transitional steps leading to high quality-low energy life style was presented. We have no report of what Mr. Schatz actually said to Portland Architects . . it may have been more affirmative than projected. We might at this "point in time" interject that the "my god, ain't it awful in afghanistan" view is rarely applicable in our part of the world and those who would "panic" the economy into a re-run of the 1930's should have to rescind their "Brownie badges" forthwith!

utah

Engineers/Utah

The Engineering Community in the Beehive State gathered on February 22 to celebrate "Engineering Week" at a banquet held at the University of Utah. This was a small measure of the other activities of this most active CEC Chapter. In January, Stephen R. Covey (BYU) presented a day-long Seminar for engineers and many of their wives that was fantastic. A Continuing Education Seminar for AES sponsored by the Utah Chapter/AIA and the Department of Architecture (University of Utah), was held on February 21 and again on the 28th . . . and on 13 February, Utah Engineers heard a fine presentation from Harvey Murdock of Prince-Covey and Company on "How to Fatten up Your Pocket Book."

Wakefield Chairs CSI Committee

It is not surprising to find Don Wakefield in a new "leadership" role in the CSI/Utah community. Don was for many years a valuable member (founding father) of the CSI Chapter in Denver where he served as Regional Director for SCPI and who is now a Vice President of Interstate Brick in Utah. Don is the new Program Chairman for the Salt Lake City Chapter/CSI filling a spot which has been vacant for some months. Most everyone in the WMR area knows Don and his charming frau Jean from their attendance at P.C., AIA and CSI functions in our area. They are not only beautiful people but Don has some kinda "know how" in all aspects of the Industry—most particularly the fields of brick/masonry products. Salt Lake City CSI is mighty lucky to have Don as a member of the team!

Laurels for AIA

At hand, the Annual 1973 Report from the Utah Chapter of the American Institute of Architects! A Document! It succinctly (and lucidly) outlined all the activities of this well organized Chapter during the year—providing the new regime with valuable guide-lines and informing members of past accomplishments. Few chapters do this so well. Ann Marie Boyden, Executive Secretary, and the entire Utah executive branch is to be most commended for a splendid job. Kudos!

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washington

"Influences vs. Inspirations"

We note with pleasure the re-kindling of interest in the works of Frank Lloyd Wright expressed in the February Chapter meeting of the Seattle Chapter/AIA. Professor Herman Pundt, professor of Architecture at the College of Architecture and Urban Planning at the University of Washington, presented a fine lecture on Wright's work.

Of more moment to the immediate interests of the architectural community are Jerry Pomeroy's comments in re: Grassroots in Sandy Eggo. Sez Jerry—"The proposed dues restructure met with a great deal of criticism from us, and yet our suggestion that possibly the total proposed budget wasn't as sacred as we had been led to believe, was more or less ignored." He asked his constituents to review the "Program and Budget-1974" available at the Chapter office and "re-act" . . if not immediately sometime sooner. In view of some of the material presented at Grassroots, all members of AIA/West should take a good hard look at these proposals. It appears superficially at least to be the same old hackneyed idea that the USA ends at the Alleghenies. All Chapters should take a few minutes to discuss these proposals.

wyoming

New Leaders

With good friend Tom Muths traveling about the country (just back in Jackson after Washington D.C. and snowbound in Salt Lake for two days) we're might happy to have the charming Erin on the job. Erin tells us the AIA Officers for 1974 are Ken Gorder of Casper as President—Tom Muths, Jackson, Vice President and Robert Myrick of Casper as Secretary-Treasurer. Erin, as everybody in the WMR knows, is the Mighty Mite in the Cowboy State. Right on, sugar!

New Firm

Alfred E. Lauber, AIA, Architect/Landscape Architect has announced the opening of a new firm in Worland, Wyoming. A graduate of the University of Oregon School of Architecture, he served the Girl Scouts of America as their National Staff architect 1967-'71. He joined the staff of John E. Toohey and Associates at that time as an associate architect.

Registered to practice in Washington, Oregon, New York and Wyoming, Mr. Lauber is a registered landscape architect in Oregon and Colorado, a corporate member of AIA,and a professional member of CSI.

Mr. L. sends us a Mayday announcement for a Full-Time, graduate draftsman who would be interested in working for a design-oriented, landscape-architectural firm in the Big Horn Basin of Wyoming. Salary is negotiable. Call collect 307—347-4320.

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the last word:

Prodigal returns! It was a glad-handing occasion when Jim Barr (Weyerhaueser) turned up at the 13 February meeting of the Denver Chapter/CSI. Jim was "Scope" editor for nigh on to three years, and mighty active in CSI before he changed jobs and took to the road. Great seeing him again!

It IS later than you think! The Grand Nationals are at hand! AGC meets this month in "Sandy Eggo", and AIA gathers 19-23 May in Washington, D.C. with CSI to follow in Portland come June!

John R. Long, owner of his own mason contracting firm, is the new "fearless" for the Colorado Mason Contractors Association. This group is busy planning their Annual Spring Conference . . . date: April 6th at the Merchandise Mart.

On the distaff side: Portland women in the environmental design professions have organized a group to explore common objectives and problems. About 30 architects, landscape architects, interior designers, planners, engineers and designers were at hand at the first meeting. Interested? Call Jean Glazer - 227-6827.

Hans Mesdag called to ask us to tell folks that he is now to be found with the Consulting Engineering firm of Walton Associates, Ltd. at 910 West Iliff Avenue in Denver.

The New Mexico Society of Architects say all AIA documents are available through the AIA Form Service, P. O. Box 7415, Albuquerque - 87104 or order from Mildred Brittelle at 242-4159 any week day between 9 a.m. and 12 noon.

Women in Construction/Metro Denver Chapter will hold an all-day Construction Awareness Seminar on March 23rd at the Regency Inn, 3900 Elati. An informative session . . . for details contact Karen Burkhardt (Premier Waterproofing) at 936-3491.

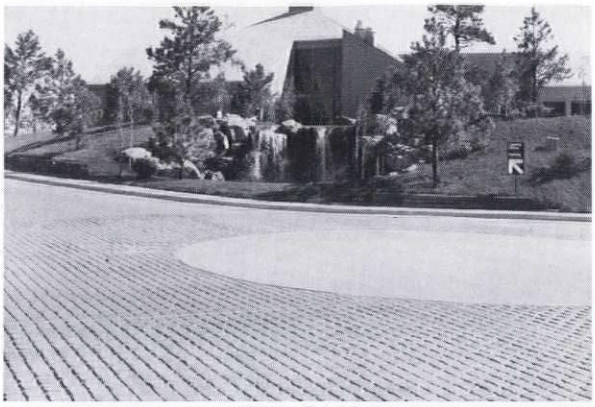
Two days jam packed with information and an array of top speakers was the order of business at the Environmental Impact Assessment Course presented February 21-22 at the Student Union Building on the campus of the University of Washington, Seattle.

Informants tell us that Ann and Holden Bowler are alive and well in Bliss, Idaho. Both these nice people were great favorites in the Colorado architecture/engineering/construction community.

Value Analysis Workshops jointly sponsored by the AIA and the ACEC have scheduled two of these valuable sessions in our area. Dates are: March 24-29 in Denver and June 16-21 in Seattle.

The newly completed Valley Center in Phoenix held "open house" on 7 February. Jointly hosted by the Valley National Bank, the American Institute of Architects and Goodman's Office Furnishings, principal speaker was Lou Naidorf of Welton Becket and Associates, Los Angeles.

On the road! Denver's Producers' Council is hosting two important meetings for design professionals in March. March 7 is the date for Colorado Springs - the place, the Antlers Hotel (El Paso Room). March 14, the meeting for Northern Colorado will be held at the Del Camino Restaurant in Longmont. Don't miss 'em, fellas!



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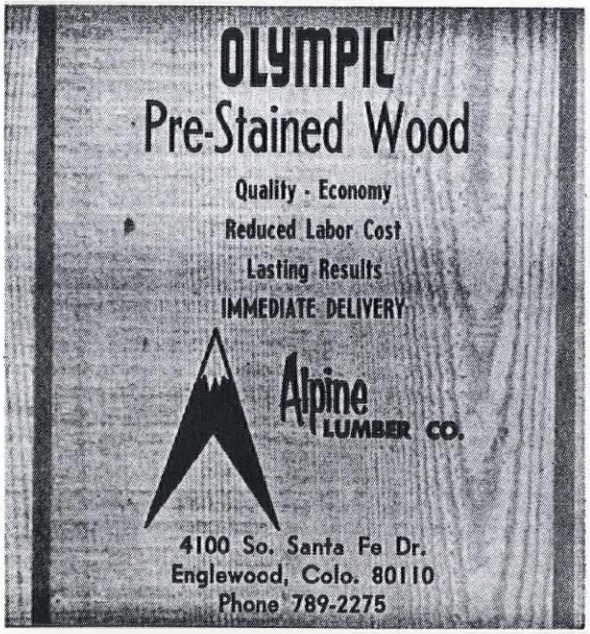
Walter B. Nelson, AIA, of the Haver, Nunn and Nelson firm, is back in Phoenix after a "tour" in Guam for HNN. He has assumed the responsibilities of principal architect and director of promotion and design.

The RUDAT program (AIA's Regional/Urban Design Assistance Team) will be headed in 1974 by Ronald Straka. Interested in a RUDAT visit to your community? Contact Mr. Straka at 1015-15th Street, Suite 23 C, Denver, Colorado 80202.

J. Allen Montei, Director of Designs for Formica Corporation, was responsible for a fine program at the Arizona Chapter Producers' Council luncheon at Del Webb's Townehouse on 19 February.

The Awards Banquet and Annual Meeting for the Consulting Engineers Council/Colorado is slated for April 22 in the Grand Ballroom of the Brown Palace Hotel.

Architect Blake Chambliss moderated the discussion on "Land Use Controls - Who Is Responsible?" at the recent Club 20 meeting in Grand Junction, Colorado. Pretty important topic with Oil Shale development just around the corner.



F.Y.I.

The Federal Register — Volume 39 — Number 10 — Part III which contains the Petroleum Allocation and Price Regulations from the Federal Energy Office should be a "must" publication in offices concerned with construction. Copies can be obtained from Regional offices . . . in Symposia-Land, they are:

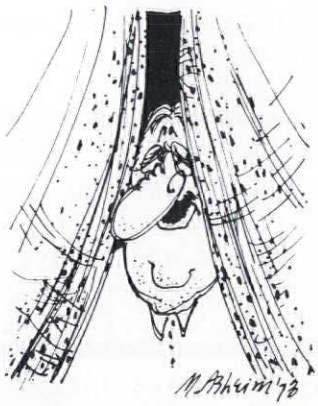
REGION 6: (New Mexico) — Regional Administrator, Office of Oil and Gas, 2320 La Branch Street, Houston, Texas 77004.

REGION 8: (Montana, Wyoming, Colorado, Utah) — Regional Administrator, Office of Oil and Gas — Building 67/Room 1470, Denver Federal Center, Denver, Colorado 80225

REGION 9: (Nevada, Arizona, Hawaii, Guam) — Regional Administrator, Office of Oil and Gas, Federal Office Building, 450 Office Building/Box 36032, San Francisco, California 94102

REGION 10: (Washington, Alaska, Oregon, Idaho) — Regional Administrator, Office of Oil and Gas, Federal Office Building/Room 3098, 909 First Avenue, Seattle, Washington 98104.

Word to Wise — In contacting any of the above offices . . . ask for the "latest" info. When asked by a bewildered contractor at the recent AGC/C meeting if this January 15th issue of the Federal Register was the final word on allocation — Joe Smith of the FEO said it all—"Don't bet on it, fella!"



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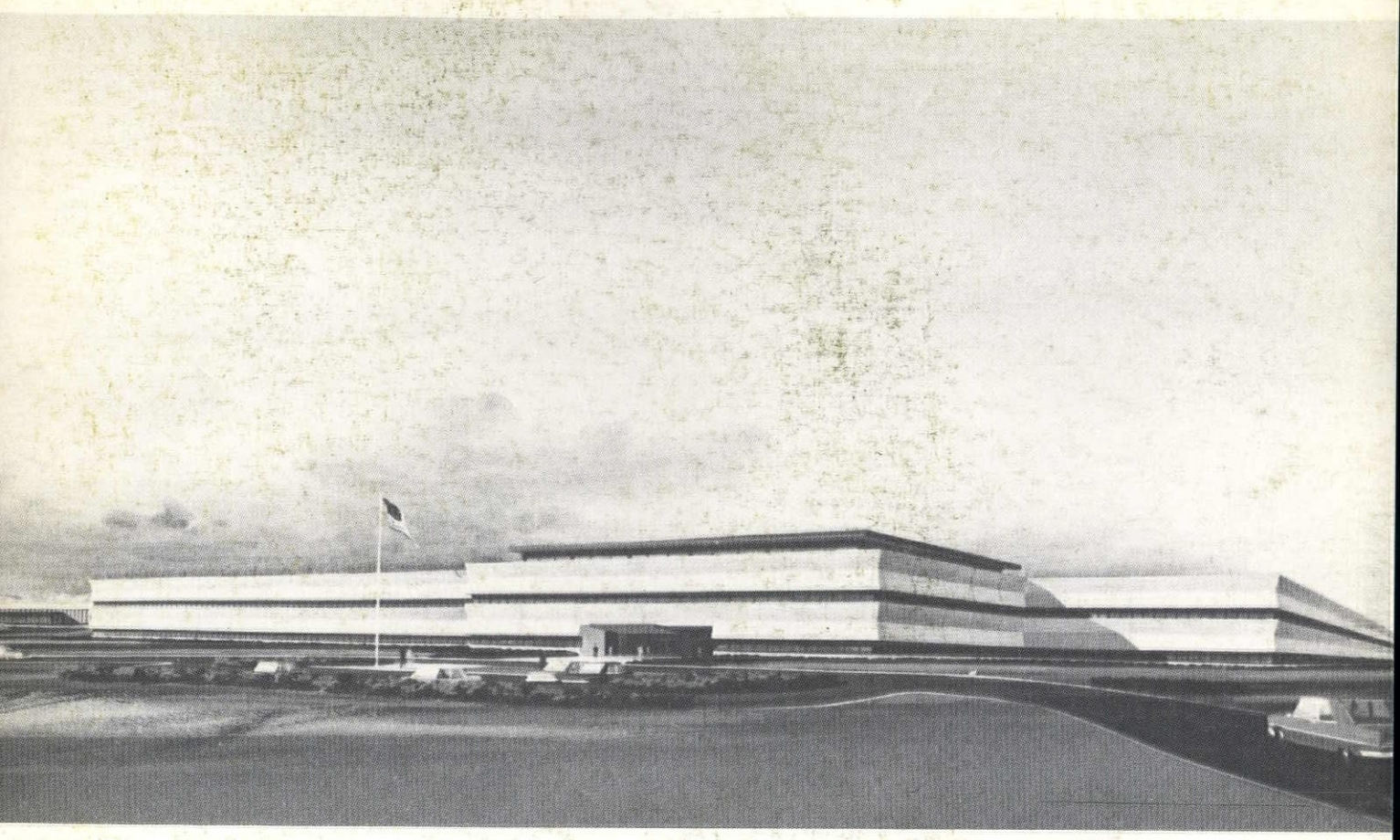

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